

Manual of Petroleum Measurement Standards

Chapter 11.3.3.2—Propylene Compressibility

JANUARY 1974

REAFFIRMED, JULY 2012



AMERICAN PETROLEUM INSTITUTE

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT3
TEMPERATURE DEG F

30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
PRESSURE (PSIG)									
100.000	34.26495	34.21160	34.15810	34.10445	34.05064	33.99666	33.94253	33.88823	33.83376
110.000	34.27403	34.22076	34.16735	34.11378	34.06007	34.00619	33.95215	33.89794	33.84357
120.000	34.28308	34.22990	34.17657	34.12310	34.06947	34.01568	33.96173	33.90762	33.85334
130.000	34.29210	34.23901	34.18577	34.13239	34.07885	34.02515	33.97129	33.91728	33.86310
140.000	34.30110	34.24810	34.19495	34.14165	34.08820	34.03459	33.98083	33.92691	33.87282
150.000	34.31008	34.25716	34.20409	34.15088	34.09752	34.04401	33.99034	33.93651	33.88251
160.000	34.31903	34.26620	34.21322	34.16009	34.10682	34.05339	33.99981	33.94608	33.89218
170.000	34.32796	34.27521	34.22232	34.16928	34.11609	34.06276	34.00927	33.95562	33.90181
180.000	34.33687	34.28419	34.23139	34.17844	34.12534	34.07209	34.01869	33.96514	33.91142
190.000	34.34575	34.29316	34.24044	34.18757	34.13456	34.08140	34.02809	33.97462	33.92100
200.000	34.35461	34.30210	34.24946	34.19668	34.14376	34.09068	34.03746	33.98409	33.93056
210.000	34.36344	34.31102	34.25846	34.20576	34.15293	34.09994	34.04681	33.99352	33.94009
220.000	34.37225	34.31991	34.26744	34.21482	34.16207	34.10917	34.05613	34.00293	33.94958
230.000	34.38104	34.32878	34.27639	34.22386	34.17119	34.11838	34.06542	34.01231	33.95906

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB/FT3

PRESSURE (PSIG)	TEMPERATURE DEG F									
	30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
240.000	34.38981	34.33763	34.28532	34.23288	34.18029	34.12756	34.07469	34.02168	33.96850	33.91518
250.000	34.39855	34.34645	34.29422	34.24186	34.18936	34.13672	34.08393	34.03100	33.97792	33.92469
260.000	34.40727	34.35526	34.30311	34.25082	34.19841	34.14585	34.09315	34.04031	33.98732	33.93417

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PROPYLENE LIQUID DENSITIES LB / FT³
TEMPERATURE DEG F

30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
270.000	34.41597	34.36403	34.31197	34.25977	34.20743	34.15496	34.10234	33.99668	33.94363
280.000	34.42464	34.37279	34.32080	34.26868	34.21643	34.16404	34.11151	34.05884	33.95306
290.000	34.43330	34.38152	34.32961	34.27758	34.22540	34.17310	34.12066	34.06807	33.96246
300.000	34.44193	34.39023	34.33840	34.28645	34.23436	34.18213	34.12977	34.07727	33.97183
310.000	34.45054	34.39892	34.34717	34.29529	34.24328	34.19114	34.13886	34.08644	33.98118
320.000	34.45913	34.40759	34.35591	34.30411	34.25219	34.20013	34.14793	34.09560	33.99051
330.000	34.46770	34.41623	34.36464	34.31292	34.26107	34.20909	34.15697	34.10472	33.99981
340.000	34.47625	34.42485	34.37333	34.32169	34.26992	34.21803	34.16600	34.11383	34.00908
350.000	34.48476	34.43345	34.38201	34.33045	34.27876	34.22694	34.17499	34.12291	34.01833
360.000	34.49327	34.44203	34.39067	34.33918	34.28757	34.23583	34.18396	34.13196	34.02755
370.000	34.50175	34.45058	34.39930	34.34789	34.29636	34.24470	34.19291	34.14099	34.03674
380.000	34.51021	34.45912	34.40791	34.35658	34.30513	34.25355	34.20184	34.15000	34.04591
390.000	34.51865	34.46763	34.41650	34.36525	34.31387	34.26237	34.21074	34.15898	34.05506



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PROPYLENE LIQUID DENSITIES LB / FT³

PRESSURE (PSIG)	TEMPERATURE DEG F									
	30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
400.000	34.52707	34.47613	34.42507	34.37389	34.32259	34.27117	34.21962	34.16794	34.11613	34.06419
410.000	34.53547	34.48460	34.43362	34.38251	34.33129	34.27995	34.22847	34.17688	34.12514	34.07328
420.000	34.54385	34.49305	34.44214	34.39111	34.33997	34.28870	34.23731	34.18579	34.13414	34.08236
430.000	34.55221	34.50148	34.45065	34.39969	34.34862	34.29743	34.24612	34.19468	34.14311	34.09141



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PROPYLENE LIQUID DENSITIES LB / FT³
TEMPERATURE DEG F

30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
440.000	34.56054	34.50989	34.45913	34.40825	34.35726	34.30614	34.25490	34.20354	34.15205
450.000	34.56886	34.51828	34.46759	34.41679	34.36587	34.31483	34.26367	34.21238	34.16097
460.000	34.57716	34.52665	34.47603	34.42530	34.37446	34.32349	34.27241	34.22120	34.16987
470.000	34.58543	34.53500	34.48446	34.43380	34.38303	34.33214	34.28113	34.23000	34.17875
480.000	34.59369	34.54333	34.49286	34.44227	34.39157	34.34076	34.28983	34.23878	34.18760
490.000	34.60193	34.55164	34.50123	34.45072	34.40010	34.34936	34.29850	34.24753	34.19643
500.000	34.61015	34.55993	34.50959	34.45916	34.40860	34.35794	34.30716	34.25626	34.20524
510.000	34.61835	34.56820	34.51793	34.46757	34.41709	34.36650	34.31579	34.26497	34.21402
520.000	34.62653	34.57644	34.52626	34.47596	34.42555	34.37503	34.32441	34.27365	34.22279
530.000	34.63469	34.58467	34.53455	34.48433	34.43399	34.38355	34.33299	34.28232	34.23153
540.000	34.64283	34.59288	34.54284	34.49268	34.44242	34.39204	34.34156	34.29096	34.24024
550.000	34.65095	34.60107	34.55109	34.50101	34.45082	34.40052	34.35011	34.29958	34.24894
560.000	34.65905	34.60924	34.55933	34.50932	34.45920	34.40897	34.35863	34.30818	34.25761



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PROPYLENE LIQUID DENSITIES LB / FT³

PRESSURE (PSIG)	TEMPERATURE DEG F									
	30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
570.000	34.66714	34.61740	34.56755	34.51761	34.46756	34.41740	34.36714	34.31676	34.26627	34.21565
580.000	34.67520	34.62553	34.57576	34.52588	34.47590	34.42582	34.37562	34.32531	34.27489	34.22436
590.000	34.68325	34.63364	34.58394	34.53413	34.48422	34.43421	34.38408	34.33385	34.28350	34.23304
600.000	34.69128	34.64174	34.59210	34.54236	34.49253	34.44258	34.39253	34.34237	34.29209	34.24171



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PROPYLENE LIQUID DENSITIES LB / FT³

PRESSURE (PSIG)	TEMPERATURE DEG F									
	30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
610.000	34.69929	34.64981	34.60025	34.55058	34.50080	34.45093	34.40095	34.35086	34.30066	34.25035
620.000	34.70728	34.65788	34.60837	34.55877	34.50907	34.45926	34.40935	34.35933	34.30920	34.25896
630.000	34.71525	34.66591	34.61648	34.56694	34.51731	34.46757	34.41773	34.36779	34.31773	34.26756
640.000	34.72321	34.67393	34.62457	34.57510	34.52553	34.47586	34.42609	34.37622	34.32623	34.27614
650.000	34.73115	34.68194	34.63263	34.58323	34.53374	34.48414	34.43443	34.38463	34.33472	34.28469
660.000	34.73907	34.68992	34.64069	34.59135	34.54192	34.49239	34.44276	34.39302	34.34318	34.29322
670.000	34.74697	34.69789	34.64872	34.59945	34.55009	34.50062	34.45106	34.40139	34.35162	34.30174
680.000	34.75485	34.70584	34.65673	34.60753	34.55823	34.50883	34.45934	34.40974	34.36004	34.31023
690.000	34.76271	34.71376	34.66473	34.61559	34.56636	34.51703	34.46760	34.41808	34.36844	34.31870
700.000	34.77057	34.72168	34.67270	34.62363	34.57447	34.52521	34.47585	34.42638	34.37682	34.32715
710.000	34.77840	34.72958	34.68066	34.63166	34.58256	34.53336	34.48407	34.43468	34.38519	34.33559
720.000	34.78621	34.73745	34.68860	34.63966	34.59063	34.54150	34.49228	34.44295	34.39352	34.34400
730.000	34.79401	34.74531	34.69653	34.64765	34.59868	34.54962	34.50046	34.45120	34.40185	34.35239
740.000	34.80178	34.75315	34.70443	34.65562	34.60672	34.55772	34.50863	34.45944	34.41014	34.36076



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PROPYLENE LIQUID DENSITIES LB / FT³

PRESSURE (PSIG)	TEMPERATURE DEG F									
	30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
750.000	34.80955	34.76098	34.71232	34.66357	34.61473	34.56580	34.51678	34.46765	34.41843	34.36911
760.000	34.81730	34.76879	34.72019	34.67150	34.62273	34.57386	34.52491	34.47585	34.42669	34.37744
770.000	34.82502	34.77658	34.72804	34.67942	34.63071	34.58191	34.53301	34.48402	34.43494	34.38575



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PROPYLENE LIQUID DENSITIES LB / FT³

PRESSURE (PSIG)	TEMPERATURE DEG F									
	30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
780.000	34.83274	34.78435	34.73588	34.68732	34.63867	34.58993	34.54110	34.49218	34.44316	34.39404
790.000	34.84043	34.79211	34.74369	34.69520	34.64661	34.59794	34.54918	34.50032	34.45136	34.40231
800.000	34.84811	34.79984	34.75150	34.70306	34.65454	34.60593	34.55723	34.50844	34.45955	34.41056
810.000	34.85577	34.80757	34.75928	34.71091	34.66245	34.61390	34.56527	34.51654	34.46771	34.41880
820.000	34.86342	34.81527	34.76705	34.71874	34.67034	34.62186	34.57328	34.52462	34.47586	34.42701
830.000	34.87104	34.82296	34.77480	34.72655	34.67822	34.62980	34.58128	34.53268	34.48399	34.43520
840.000	34.87866	34.83064	34.78253	34.73434	34.68607	34.63771	34.58926	34.54073	34.49210	34.44338
850.000	34.88625	34.83829	34.79025	34.74212	34.69391	34.64561	34.59723	34.54876	34.50019	34.45154
860.000	34.89384	34.84593	34.79794	34.74988	34.70173	34.65350	34.60518	34.55677	34.50827	34.45967
870.000	34.90140	34.85355	34.80563	34.75762	34.70953	34.66136	34.61311	34.56476	34.51632	34.46780
880.000	34.90895	34.86116	34.81329	34.76535	34.71732	34.66921	34.62101	34.57273	34.52436	34.47590
890.000	34.91648	34.86875	34.82095	34.77306	34.72509	34.67704	34.62891	34.58068	34.53238	34.48398
900.000	34.92400	34.87633	34.82858	34.78075	34.73285	34.68486	34.63678	34.58862	34.54038	34.49204



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PROPYLENE LIQUID DENSITIES LB / FT³

PRESSURE (PSIG)	TEMPERATURE DEG F									
	30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
910.000	34.93150	34.88388	34.83620	34.78843	34.74058	34.69265	34.64464	34.59654	34.54836	34.50009
920.000	34.93898	34.89143	34.84380	34.79609	34.74830	34.70044	34.65248	34.60445	34.55632	34.50812
930.000	34.94645	34.89895	34.85138	34.80373	34.75600	34.70819	34.66031	34.61233	34.56427	34.51613
940.000	34.95390	34.90647	34.85895	34.81136	34.76369	34.71594	34.66811	34.62020	34.57220	34.52412



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PROPYLENE LIQUID DENSITIES LB / FT³

PRESSURE (PSIG)	TEMPERATURE DEG F									
	30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
950.000	34.96135	34.91396	34.86650	34.81897	34.77136	34.72367	34.67590	34.62805	34.58012	34.53209
960.000	34.96877	34.92144	34.87404	34.82656	34.77901	34.73139	34.68368	34.63588	34.58801	34.54005
970.000	34.97618	34.92891	34.88156	34.83415	34.78665	34.73908	34.69143	34.64370	34.59589	34.54799
980.000	34.98357	34.93636	34.88907	34.84171	34.79427	34.74676	34.69917	34.65150	34.60375	34.55591
990.000	34.99095	34.94379	34.89656	34.84925	34.80188	34.75443	34.70689	34.65928	34.61159	34.56381
1000.000	34.99831	34.95121	34.90403	34.85679	34.80947	34.76207	34.71460	34.66705	34.61942	34.57170
1010.000	35.00566	34.95861	34.91149	34.86430	34.81704	34.76970	34.72229	34.67479	34.62722	34.57957
1020.000	35.01299	34.96600	34.91893	34.87180	34.82460	34.77732	34.72996	34.68253	34.63501	34.58742
1030.000	35.02031	34.97337	34.92636	34.87929	34.83214	34.78492	34.73762	34.69024	34.64279	34.59525
1040.000	35.02761	34.98073	34.93378	34.88676	34.83966	34.79250	34.74526	34.69794	34.65055	34.60307
1050.000	35.03490	34.98807	34.94118	34.89421	34.84717	34.80006	34.75288	34.70562	34.65829	34.61087
1060.000	35.04217	34.99540	34.94856	34.90165	34.85467	34.80762	34.76049	34.71329	34.66601	34.61866
1070.000	35.04943	35.00271	34.95592	34.90907	34.86215	34.81515	34.76808	34.72094	34.67372	34.62642
1080.000	35.05667	35.01001	34.96328	34.91648	34.86961	34.82267	34.77566	34.72857	34.68141	34.63417



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PROPYLENE LIQUID DENSITIES LB / FT³

		TEMPERATURE DEG F									
PRESSURE (PSIG)		30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
1090.000	35.06390	35.01730	34.97062	34.92387	34.87706	34.83017	34.78322	34.73619	34.68909	34.64191	
1100.000	35.07112	35.02456	34.97794	34.93125	34.88449	34.83767	34.79076	34.74379	34.69674	34.64962	
1110.000	35.07832	35.03182	34.98525	34.93861	34.89191	34.84513	34.79829	34.75138	34.70439	34.65732	

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PROPYLENE LIQUID DENSITIES LB / FT3
TEMPERATURE DEG F

30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
PRESSURE (PSIG)									
1120.000	35.08551	35.03906	34.99254	34.94596	34.89931	34.85260	34.80581	34.75895	34.71201
1130.000	35.09268	35.04628	34.99982	34.95329	34.90670	34.86003	34.81330	34.76650	34.71962
1140.000	35.09984	35.05350	35.00709	34.96061	34.91407	34.86746	34.82079	34.77404	34.72722
1150.000	35.10699	35.06070	35.01434	34.96791	34.92143	34.87488	34.82825	34.78156	34.73480
1160.000	35.11412	35.06787	35.02157	34.97520	34.92877	34.88227	34.83570	34.78907	34.74236
1170.000	35.12124	35.07505	35.02879	34.98248	34.93610	34.88965	34.84314	34.79656	34.74991
1180.000	35.12834	35.08220	35.03600	34.98974	34.94341	34.89702	34.85056	34.80404	34.75744
1190.000	35.13543	35.08934	35.04319	34.99698	34.95071	34.90437	34.85797	34.81150	34.76495
1200.000	35.14251	35.09647	35.05037	35.00422	34.95799	34.91171	34.86536	34.81894	34.77245
1210.000	35.14957	35.10358	35.05754	35.01143	34.96526	34.91903	34.87274	34.82637	34.77994
1220.000	35.15662	35.11068	35.06469	35.01863	34.97252	34.92634	34.88010	34.83379	34.78741
1230.000	35.16365	35.11777	35.07182	35.02582	34.97976	34.93364	34.88744	34.84119	34.79486
1240.000	35.17067	35.12484	35.07895	35.03300	34.98699	34.94091	34.89478	34.84857	34.80230
1250.000	35.17768	35.13190	35.08606	35.04016	34.99420	34.94818	34.90209	34.85594	34.80973



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PROPYLENE LIQUID DENSITIES LB/FT³

TEMPERATURE DEG F

30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
PRESSURE (PSIG)									
1260.000	35.18468	35.13895	35.09315	35.04730	35.00140	34.95543	34.90940	34.86330	34.81713
1270.000	35.19166	35.14597	35.10023	35.05444	35.00858	34.96267	34.91668	34.87064	34.82453
1280.000	35.19862	35.15299	35.10730	35.06155	35.01575	34.96989	34.92396	34.87797	34.83191
									34.78579

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PROPYLENE LIQUID DENSITIES LB / FT³
TEMPERATURE DEG F

30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
1290.000	1300.000	1310.000	1320.000	1330.000	1340.000	1350.000	1360.000	1370.000	1380.000
35.20558	35.16000	35.11436	35.06866	35.02291	34.97709	34.93121	34.88528	34.83928	34.79321
35.21252	35.16699	35.12140	35.07575	35.03005	34.98428	34.93846	34.89257	34.84663	34.80061
35.21945	35.17397	35.12843	35.08283	35.03718	34.99146	34.94569	34.89986	34.85396	34.80800
35.22637	35.18093	35.13544	35.08989	35.04429	34.99863	34.95291	34.90712	34.86128	34.81537
35.23327	35.18789	35.14244	35.09694	35.05139	35.00578	34.96011	34.91438	34.86859	34.82273
35.24016	35.19482	35.14943	35.10398	35.05848	35.01292	34.96730	34.92162	34.87588	34.83007
35.24704	35.20175	35.15640	35.11100	35.06555	35.02004	34.97447	34.92884	34.88316	34.83740
35.25391	35.20866	35.16336	35.11802	35.07261	35.02715	34.98163	34.93605	34.89042	34.84472
35.26076	35.21556	35.17031	35.12501	35.07966	35.03424	34.98878	34.94325	34.89767	34.85202
35.26760	35.22245	35.17725	35.13200	35.08669	35.04133	34.99591	34.95044	34.90490	34.85930
35.27442	35.22932	35.18417	35.13897	35.09371	35.04840	35.00303	34.95760	34.91212	34.86657
35.28124	35.23618	35.19108	35.14592	35.10072	35.05545	35.01014	34.96476	34.91932	34.87383
35.28804	35.24303	35.19798	35.15287	35.10771	35.06250	35.01723	34.97190	34.92652	34.88107

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³

		TEMPERATURE DEG F									
PRESSURE (PSIG)		30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
1420.000	35.29483	35.24987	35.20486	35.15980	35.11469	35.06952	35.02430	34.97903	34.93369	34.88830	
1430.000	35.30161	35.25669	35.21173	35.16672	35.12165	35.07654	35.03137	34.98615	34.94086	34.89552	
1440.000	35.30837	35.26350	35.21859	35.17363	35.12861	35.08354	35.03842	34.99324	34.94801	34.90272	
1450.000	35.31512	35.27030	35.22543	35.18052	35.13555	35.09053	35.04546	35.00033	34.95514	34.90990	

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³
TEMPERATURE DEG F

30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
PRESSURE (PSIG)									
1460.000	35.32187	35.27709	35.23227	35.18740	35.14248	35.09751	35.05248	35.00740	34.96227
1470.000	35.32859	35.28386	35.23909	35.19427	35.14939	35.10447	35.05949	35.01446	34.96938
1480.000	35.33531	35.29063	35.24590	35.20112	35.15630	35.11142	35.06649	35.02151	34.97647
1490.000	35.34201	35.29738	35.25269	35.20797	35.16319	35.11836	35.07347	35.02855	34.98355
1500.000	35.34870	35.30411	35.25948	35.21479	35.17006	35.12528	35.08045	35.03556	34.99062
1510.000	35.35538	35.31084	35.26625	35.22161	35.17693	35.13219	35.08741	35.04257	34.99768
1520.000	35.36205	35.31755	35.27301	35.22842	35.18378	35.13909	35.09435	35.04956	34.95982
1530.000	35.36871	35.32425	35.27976	35.23521	35.19062	35.14598	35.10128	35.05655	34.96690
1540.000	35.37535	35.33094	35.28649	35.24199	35.19744	35.15285	35.10820	35.06351	34.97396
1550.000	35.38198	35.33762	35.29321	35.24876	35.20426	35.15971	35.11511	35.07047	34.98101
1560.000	35.38861	35.34429	35.29992	35.25552	35.21106	35.16656	35.12201	35.07741	34.98805
1570.000	35.39522	35.35094	35.30662	35.26226	35.21785	35.17339	35.12889	35.08434	34.99508
1580.000	35.40181	35.35758	35.31331	35.26899	35.22463	35.18021	35.13576	35.09125	35.04669
1590.000	35.40181	35.35758	35.31331	35.26899	35.22463	35.18021	35.13576	35.09125	35.04669

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2

PROPYLENE LIQUID DENSITIES LB / FT³

TEMPERATURE DEG F

	30.000	31.000	32.000	33.000	34.000	35.000	36.000	37.000	38.000	39.000
PRESSURE (PSIG)										

1600.000	35.40181	35.35758	35.31331	35.26899	35.22463	35.18021	35.13576	35.09125	35.04669	35.00208
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AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³

		TEMPERATURE DEG F									
PRESSURE (PSIG)		40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000
100.000	33.72429	33.66928	33.61410	33.55872	33.50315	33.44739	33.39142	33.33525	33.27887	33.22228	
110.000	33.73430	33.67940	33.62431	33.56904	33.51358	33.45792	33.40207	33.34600	33.28974	33.23326	
120.000	33.74427	33.68947	33.63449	33.57932	33.52396	33.46841	33.41267	33.35672	33.30057	33.24421	
130.000	33.75422	33.69952	33.64464	33.58957	33.53432	33.47888	33.42324	33.36740	33.31136	33.25512	
140.000	33.76414	33.70953	33.65475	33.59980	33.54465	33.48931	33.43378	33.37805	33.32212	33.26599	
150.000	33.77402	33.71952	33.66484	33.60998	33.55494	33.49971	33.44428	33.38866	33.33285	33.27682	
160.000	33.78388	33.72948	33.67490	33.62014	33.56520	33.51007	33.45475	33.39925	33.34354	33.28762	
170.000	33.79371	33.73940	33.68492	33.63026	33.57543	33.52040	33.46519	33.40979	33.35419	33.29839	
180.000	33.80350	33.74930	33.69491	33.64036	33.58562	33.53070	33.47559	33.42030	33.36481	33.30912	
190.000	33.81327	33.75916	33.70488	33.65042	33.59578	33.54097	33.48597	33.43078	33.37539	33.31982	
200.000	33.82302	33.76900	33.71481	33.66045	33.60592	33.55120	33.49631	33.44122	33.38594	33.33047	
210.000	33.83273	33.77880	33.72472	33.67046	33.61602	33.56141	33.50661	33.45163	33.39646	33.34110	
220.000	33.84241	33.78859	33.73459	33.68043	33.62609	33.57158	33.51689	33.46201	33.40694	33.35169	

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³

PRESSURE (PSIG)	TEMPERATURE DEG F									
	40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000
230.000	33.85207	33.79834	33.74444	33.69037	33.63613	33.58172	33.52713	33.47235	33.41740	33.36225
240.000	33.86170	33.80806	33.75426	33.70028	33.64614	33.59183	33.53734	33.48267	33.42781	33.37277
250.000	33.87130	33.81775	33.76404	33.71017	33.65612	33.60191	33.54752	33.49295	33.43820	33.38326
260.000	33.88087	33.82742	33.77380	33.72002	33.66608	33.61196	33.55767	33.50320	33.44855	33.39371

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AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³

PRESSURE (PSIG)	TEMPERATURE DEG F									
	40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000
270.000	33.89042	33.83706	33.78353	33.72985	33.67599	33.62197	33.56778	33.51342	33.45887	33.40414
280.000	33.89994	33.84666	33.79324	33.73964	33.68589	33.63196	33.57787	33.52360	33.46915	33.41453
290.000	33.90943	33.85625	33.80291	33.74941	33.69575	33.64192	33.58792	33.53376	33.47941	33.42489
300.000	33.91889	33.86580	33.81255	33.75915	33.70558	33.65185	33.59795	33.54388	33.48964	33.43521
310.000	33.92833	33.87533	33.82217	33.76886	33.71539	33.66175	33.60794	33.55397	33.49983	33.44551
320.000	33.93774	33.88483	33.83176	33.77854	33.72516	33.67162	33.61791	33.56404	33.50999	33.45577
330.000	33.94713	33.89430	33.84133	33.78820	33.73491	33.68146	33.62785	33.57407	33.52012	33.46600
340.000	33.95649	33.90375	33.85086	33.79782	33.74463	33.69127	33.63776	33.58407	33.53022	33.47620
350.000	33.96582	33.91317	33.86037	33.80742	33.75432	33.70105	33.64763	33.59404	33.54029	33.48637
360.000	33.97513	33.92257	33.86986	33.81699	33.76398	33.71081	33.65748	33.60399	33.55033	33.49650
370.000	33.98441	33.93193	33.87931	33.82654	33.77362	33.72054	33.66730	33.61390	33.56034	33.50661
380.000	33.99367	33.94128	33.88874	33.83606	33.78322	33.73024	33.67709	33.62379	33.57032	33.51669
390.000	34.00290	33.95059	33.89814	33.84555	33.79280	33.73991	33.68685	33.63364	33.58027	33.52673

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³

PRESSURE (PSIG)	TEMPERATURE DEG F									
	40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000
400.000	34.01210	33.95988	33.90752	33.85501	33.80236	33.74955	33.69659	33.64347	33.59019	33.53675
410.000	34.02129	33.96915	33.91687	33.86445	33.81188	33.75917	33.70630	33.65327	33.60008	33.54673
420.000	34.03045	33.97839	33.92620	33.87386	33.82138	33.76875	33.71597	33.66304	33.60994	33.55669
430.000	34.03958	33.98761	33.93550	33.88325	33.83086	33.77831	33.72562	33.67278	33.61978	33.56662



AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB/FT³
TEMPERATURE DEG F

40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000
PRESSURE (PSIG)									
440.000	34.04868	33.99680	33.94477	33.89261	33.84030	33.78785	33.73524	33.68249	33.62958
450.000	34.05777	34.00596	33.95402	33.90194	33.84972	33.79736	33.74484	33.69217	33.63936
460.000	34.06683	34.01510	33.96325	33.91125	33.85912	33.80684	33.75441	33.70183	33.64911
470.000	34.07586	34.02422	33.97245	33.92053	33.86848	33.81629	33.76395	33.71146	33.65882
480.000	34.08487	34.03331	33.98162	33.92979	33.87783	33.82572	33.77346	33.72107	33.66851
490.000	34.09386	34.04238	33.99077	33.93903	33.88714	33.83512	33.78296	33.73064	33.67818
500.000	34.10283	34.05143	33.99990	33.94823	33.89643	33.84449	33.79241	33.74019	33.68782
510.000	34.11176	34.06044	34.00900	33.95742	33.90570	33.85385	33.80185	33.74971	33.69743
520.000	34.12068	34.06944	34.01807	33.96658	33.91494	33.86317	33.81126	33.75921	33.70701
530.000	34.12958	34.07841	34.02713	33.97571	33.92416	33.87247	33.82064	33.76868	33.71657
540.000	34.13845	34.08736	34.03616	33.98482	33.93335	33.88174	33.83000	33.77812	33.72610
550.000	34.14730	34.09629	34.04516	33.99390	33.94251	33.89099	33.83933	33.78754	33.73560
560.000	34.15612	34.10520	34.05414	34.00296	33.95166	33.90022	33.84864	33.79693	33.74508

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³

PRESSURE (PSIG)	TEMPERATURE DEG F									
	40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000
570.000	34.16493	34.11407	34.06310	34.01200	33.96077	33.90942	33.85792	33.80629	33.75453	33.70261
580.000	34.17371	34.12294	34.07204	34.02102	33.96987	33.91859	33.86718	33.81563	33.76395	33.71212
590.000	34.18246	34.13177	34.08095	34.03001	33.97894	33.92774	33.87641	33.82495	33.77335	33.72161
600.000	34.19120	34.14058	34.08984	34.03897	33.98799	33.93687	33.88562	33.83424	33.78272	33.73106

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AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³
TEMPERATURE DEG F

40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000
PRESSURE (PSIG)									
610.000	34.19992	34.14937	34.09871	34.04792	33.99701	33.94597	33.89480	33.84350	33.79207
620.000	34.20861	34.15814	34.10755	34.05684	34.00601	33.95505	33.90396	33.85274	33.80139
630.000	34.21728	34.16689	34.11637	34.06574	34.01498	33.96410	33.91309	33.86195	33.81068
640.000	34.22593	34.17561	34.12517	34.07461	34.02393	33.97313	33.92220	33.87114	33.81995
650.000	34.23456	34.18431	34.13395	34.08347	34.03286	33.98214	33.93129	33.88031	33.82920
660.000	34.24317	34.19299	34.14270	34.09229	34.04177	33.99112	33.94035	33.88945	33.83842
670.000	34.25175	34.20165	34.15143	34.10110	34.05065	34.00008	33.94939	33.89857	33.84762
680.000	34.26031	34.21029	34.16014	34.10989	34.05951	34.00902	33.95840	33.90766	33.85679
690.000	34.26886	34.21890	34.16883	34.11865	34.06835	34.01793	33.96739	33.91673	33.86594
700.000	34.27738	34.22749	34.17750	34.12739	34.07716	34.02682	33.97636	33.92578	33.87506
710.000	34.28588	34.23607	34.18614	34.13611	34.08596	34.03569	33.98531	33.93480	33.88416
720.000	34.29436	34.24462	34.19477	34.14481	34.09473	34.04454	33.99423	33.94380	33.89324
730.000	34.30282	34.25315	34.20337	34.15348	34.10348	34.05336	34.00312	33.95277	33.90229

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³

		TEMPERATURE DEG F									
PRESSURE (PSIG)		40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000
	740.000	34.31126	34.26166	34.21195	34.16214	34.11221	34.06216	34.01200	33.96172	33.91132	33.86080
	750.000	34.31968	34.27015	34.22051	34.17077	34.12091	34.07094	34.02086	33.97065	33.92033	33.86988
	760.000	34.32808	34.27862	34.22905	34.17938	34.12959	34.07970	34.02969	33.97956	33.92931	33.87894
	770.000	34.33646	34.28707	34.23757	34.18797	34.13826	34.08843	34.03850	33.98844	33.93827	33.88798

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AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³

PRESSURE (PSIG)	TEMPERATURE DEG F									
	40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000
780.000	34.34482	34.29550	34.24607	34.19654	34.14690	34.09715	34.04728	33.99730	33.94721	33.89699
790.000	34.35316	34.30391	34.25455	34.20509	34.15552	34.10584	34.05605	34.00614	33.95612	33.90598
800.000	34.36148	34.31230	34.26300	34.21362	34.16412	34.11451	34.06479	34.01496	33.96501	33.91495
810.000	34.36978	34.32066	34.27145	34.22212	34.17270	34.12316	34.07351	34.02375	33.97388	33.92389
820.000	34.37806	34.32901	34.27986	34.23061	34.18125	34.13179	34.08221	34.03252	33.98272	33.93281
830.000	34.38632	34.33734	34.28826	34.23907	34.18979	34.14039	34.09089	34.04128	33.99155	33.94171
840.000	34.39457	34.34565	34.29663	34.24752	34.19830	34.14898	34.09954	34.05000	34.00035	33.95058
850.000	34.40279	34.35394	34.30499	34.25595	34.20679	34.15754	34.10818	34.05871	34.00913	33.95944
860.000	34.41099	34.36221	34.31333	34.26435	34.21527	34.16608	34.11679	34.06740	34.01789	33.96827
870.000	34.41917	34.37046	34.32165	34.27274	34.22372	34.17461	34.12539	34.07606	34.02663	33.97708
880.000	34.42734	34.37869	34.32994	34.28111	34.23216	34.18311	34.13396	34.08470	34.03534	33.98587
890.000	34.43549	34.38691	34.33822	34.28945	34.24057	34.19159	34.14251	34.09333	34.04403	33.99463
900.000	34.44362	34.39510	34.34649	34.29778	34.24896	34.20005	34.15104	34.10192	34.05270	34.00337

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³
TEMPERATURE DEG F

40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000
PRESSURE (PSIG)									
910.000	34.45173	34.40327	34.35472	34.30608	34.25734	34.20850	34.15955	34.11050	34.06135
920.000	34.45982	34.41143	34.36295	34.31437	34.26569	34.21692	34.16805	34.11906	34.06998
930.000	34.46789	34.41957	34.37115	34.32264	34.27403	34.22532	34.17651	34.12761	34.07859
940.000	34.47595	34.42768	34.37933	34.33088	34.28234	34.23370	34.18496	34.13612	34.08718
									34.03813

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³
TEMPERATURE DEG F

40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000
PRESSURE (PSIG)									
950.000	34.48398	34.43578	34.38750	34.33912	34.29064	34.24207	34.19339	34.14462	34.09574
960.000	34.49200	34.44387	34.39564	34.34732	34.29891	34.25040	34.20180	34.15310	34.10429
970.000	34.50000	34.45193	34.40377	34.35552	34.30717	34.25873	34.21019	34.16155	34.11281
980.000	34.50798	34.45998	34.41188	34.36369	34.31541	34.26703	34.21856	34.16999	34.12132
990.000	34.51595	34.46800	34.41997	34.37184	34.32363	34.27531	34.22691	34.17841	34.12980
1000.000	34.52390	34.47602	34.42804	34.37998	34.33183	34.28358	34.23524	34.18680	34.13827
1010.000	34.53183	34.48401	34.43610	34.38810	34.34001	34.29183	34.24355	34.19518	34.14671
1020.000	34.53974	34.49198	34.44413	34.39619	34.34817	34.30005	34.25184	34.20354	34.15514
1030.000	34.54764	34.49994	34.45215	34.40428	34.35632	34.30826	34.26012	34.21187	34.16354
1040.000	34.55552	34.50787	34.46015	34.41234	34.36444	34.31645	34.26837	34.22020	34.17192
1050.000	34.56337	34.51580	34.46813	34.42038	34.37255	34.32462	34.27660	34.22849	34.18029
1060.000	34.57122	34.52370	34.47610	34.42841	34.38063	34.33277	34.28482	34.23677	34.18863
1070.000	34.57904	34.53159	34.48404	34.43642	34.38871	34.34090	34.29301	34.24503	34.19696
1080.000	34.58685	34.53946	34.49197	34.44441	34.39676	34.34902	34.30119	34.25328	34.20527

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³

PRESSURE (PSIG)	TEMPERATURE DEG F							
	40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000 48.000 49.000
1090.000	34.59465	34.54731	34.49989	34.45238	34.40479	34.35712	34.30935	34.26150 34.21355 34.16552
1100.000	34.60242	34.55514	34.50778	34.46033	34.41281	34.36519	34.31749	34.26971 34.22182 34.17385
1110.000	34.61018	34.56296	34.51566	34.46827	34.42081	34.37326	34.32561	34.27789 34.23007 34.18216

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AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³
TEMPERATURE DEG F

40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000
PRESSURE (PSIG)									
1120.000	34.61792	34.57076	34.52352	34.47619	34.42879	34.38130	34.33372	34.28606	34.23830
									34.19046
1130.000	34.62565	34.57854	34.53136	34.48410	34.43675	34.38932	34.34181	34.29420	34.24651
									34.19873
1140.000	34.63335	34.58631	34.53919	34.49198	34.44470	34.39733	34.34988	34.30234	34.25471
									34.20699
1150.000	34.64105	34.59406	34.54700	34.49985	34.45263	34.40532	34.35793	34.31045	34.26288
									34.21523
1160.000	34.64873	34.60180	34.55479	34.50770	34.46054	34.41329	34.36596	34.31854	34.27103
									34.22345
1170.000	34.65639	34.60952	34.56256	34.51554	34.46843	34.42124	34.37397	34.32662	34.27917
									34.23164
1180.000	34.66403	34.61721	34.57032	34.52335	34.47631	34.42918	34.38197	34.33467	34.28729
									34.23983
1190.000	34.67166	34.62490	34.57807	34.53115	34.48417	34.43710	34.38995	34.34271	34.29539
									34.24799
1200.000	34.67927	34.63257	34.58579	34.53894	34.49201	34.44500	34.39791	34.35073	34.30348
									34.25613
1210.000	34.68687	34.64022	34.59350	34.54671	34.49983	34.45288	34.40585	34.35874	34.31154
									34.26426
1220.000	34.69445	34.64786	34.60120	34.55446	34.50764	34.46075	34.41378	34.36673	34.31959
									34.27237
1230.000	34.70201	34.65548	34.60887	34.56219	34.51543	34.46860	34.42169	34.37469	34.32762
									34.28046
1240.000	34.70956	34.66309	34.61653	34.56991	34.52321	34.47644	34.42958	34.38264	34.33563
									34.28853
1250.000	34.71709	34.67067	34.62418	34.57761	34.53097	34.48425	34.43745	34.39058	34.34362
									34.29659

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2

PROPYLENE LIQUID DENSITIES LB / FT³

TEMPERATURE DEG F

40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000
PRESSURE									
(PSIG)									
1260.000	34.72461	34.67825	34.63181	34.58530	34.53871	34.49205	34.44531	34.39850	34.35160
1270.000	34.73211	34.68580	34.63942	34.59297	34.54644	34.49983	34.45316	34.40639	34.35956
1280.000	34.73960	34.69334	34.64702	34.60062	34.55415	34.50760	34.46098	34.41428	34.36750
									34.32064



AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³

PRESSURE (PSIG)	TEMPERATURE DEG F									
	40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000
1290.000	34.74707	34.70087	34.65460	34.60826	34.56184	34.51535	34.46878	34.42215	34.37542	34.32862
1300.000	34.75453	34.70838	34.66217	34.61588	34.56952	34.52308	34.47658	34.42999	34.38333	34.33659
1310.000	34.76197	34.71588	34.66972	34.62348	34.57718	34.53080	34.48435	34.43782	34.39122	34.34454
1320.000	34.76940	34.72336	34.67725	34.63107	34.58482	34.53851	34.49211	34.44564	34.39909	34.35247
1330.000	34.77681	34.73082	34.68477	34.63865	34.59245	34.54619	34.49985	34.45344	34.40695	34.36038
1340.000	34.78421	34.73827	34.69227	34.64620	34.60007	34.55386	34.50757	34.46122	34.41479	34.36828
1350.000	34.79159	34.74571	34.69976	34.65375	34.60766	34.56151	34.51528	34.46898	34.42261	34.37616
1360.000	34.79895	34.75313	34.70723	34.66127	34.61525	34.56915	34.52298	34.47673	34.43042	34.38402
1370.000	34.80630	34.76053	34.71469	34.66879	34.62281	34.57677	34.53065	34.48447	34.43820	34.39186
1380.000	34.81364	34.76793	34.72213	34.67628	34.63036	34.58437	34.53831	34.49218	34.44598	34.39970
1390.000	34.82096	34.77530	34.72956	34.68377	34.63790	34.59196	34.54596	34.49988	34.45373	34.40751
1400.000	34.82828	34.78266	34.73698	34.69123	34.64542	34.59953	34.55359	34.50756	34.46147	34.41531
1410.000	34.83557	34.79000	34.74438	34.69868	34.65292	34.60709	34.56120	34.51523	34.46920	34.42308
1420.000	34.84285	34.79734	34.75176	34.70612	34.66041	34.61464	34.56879	34.52288	34.47690	34.43085

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³

PRESSURE (PSIG)	TEMPERATURE DEG F									
	40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000
1430.000	34.85011	34.80465	34.75913	34.71354	34.66788	34.62217	34.57638	34.53052	34.48459	34.43859
1440.000	34.85736	34.81195	34.76648	34.72094	34.67534	34.62968	34.58394	34.53814	34.49227	34.44632
1450.000	34.86460	34.81924	34.77382	34.72834	34.68279	34.63717	34.59149	34.54575	34.49992	34.45404



AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³
TEMPERATURE DEG F

40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000
PRESSURE (PSIG)									
1460.000	34.87182	34.82652	34.78115	34.73571	34.69022	34.64466	34.59903	34.55333	34.50757
1470.000	34.87904	34.83377	34.78846	34.74307	34.69763	34.65212	34.60655	34.56091	34.51519
1480.000	34.88623	34.84102	34.79575	34.75042	34.70503	34.65957	34.61405	34.56847	34.52281
1490.000	34.89341	34.84825	34.80304	34.75776	34.71241	34.66701	34.62154	34.57601	34.53041
1500.000	34.90058	34.85547	34.81030	34.76507	34.71978	34.67443	34.62902	34.58353	34.53798
1510.000	34.90773	34.86267	34.81755	34.77238	34.72714	34.68184	34.63647	34.59105	34.54555
1520.000	34.91487	34.86986	34.82479	34.77967	34.73448	34.68923	34.64392	34.59854	34.55310
1530.000	34.92199	34.87704	34.83202	34.78694	34.74181	34.69661	34.65135	34.60602	34.56063
1540.000	34.92911	34.88420	34.83923	34.79420	34.74912	34.70397	34.65876	34.61349	34.56815
1550.000	34.93621	34.89134	34.84643	34.80145	34.75642	34.71132	34.66616	34.62094	34.57566
1560.000	34.94329	34.89848	34.85361	34.80869	34.76370	34.71865	34.67355	34.62838	34.58315
1570.000	34.95036	34.90560	34.86078	34.81590	34.77097	34.72597	34.68092	34.63580	34.59062
1580.000	34.95742	34.91271	34.86794	34.82310	34.77822	34.73328	34.68827	34.64320	34.59808
1590.000	34.95742	34.91271	34.86794	34.82310	34.77822	34.73328	34.68827	34.64320	34.59808



AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³

		TEMPERATURE DEG F					
PRESSURE (PSIG)	40.000	41.000	42.000	43.000	44.000	45.000	46.000
		47.000	48.000	49.000			
1600.000	34.95742	34.91271	34.86794	34.82310	34.77822	34.73328	34.68827
						34.64320	34.59808
							34.55289



AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³
TEMPERATURE DEG F

PRESSURE (PSIG)	TEMPERATURE DEG F									
	50.000	51.000	52.000	53.000	54.000	55.000	56.000	57.000	58.000	59.000
100.000	33.16547	33.10843	34.46230	34.41691	34.37144	34.32591	34.28031	34.23463	34.18888	34.14305
110.000	33.17657	33.11965	33.06252	33.00515	32.94755	32.88971	32.83163	34.23463	34.18888	34.14305
120.000	33.18763	33.13084	33.07382	33.01658	32.95910	32.90139	32.84344	32.78524	32.72679	32.66808
130.000	33.19866	33.14198	33.08509	33.02796	32.97061	32.91303	32.85521	32.79714	32.73882	32.68025
140.000	33.20964	33.15308	33.09631	33.03931	32.98208	32.92463	32.86693	32.80899	32.75081	32.69237
150.000	33.22060	33.16415	33.10749	33.05062	32.99351	32.93618	32.87861	32.82080	32.76275	32.70445
160.000	33.23151	33.17518	33.11864	33.06189	33.00490	32.94769	32.89025	32.83257	32.77465	32.71648
170.000	33.24239	33.18618	33.12975	33.07311	33.01625	32.95916	32.90185	32.84430	32.78651	32.72847
180.000	33.25323	33.19713	33.14082	33.08430	33.02756	32.97060	32.91340	32.85598	32.79832	32.74041
190.000	33.26403	33.20805	33.15186	33.09545	33.03883	32.98199	32.92492	32.86762	32.81009	32.75231
200.000	33.27480	33.21893	33.16286	33.10657	33.05006	32.99334	32.93639	32.87922	32.82181	32.76416
210.000	33.28554	33.22978	33.17382	33.11764	33.06126	33.00465	32.94783	32.89078	32.83350	32.77598
220.000	33.29624	33.24059	33.18474	33.12868	33.07241	33.01593	32.95922	32.90229	32.84513	32.78775
230.000	33.30690	33.25137	33.19563	33.13968	33.08353	33.02716	32.97058	32.91377	32.85674	32.79947

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2

PROPYLENE LIQUID DENSITIES LB/FT³

TEMPERATURE DEG F

50.000	51.000	52.000	53.000	54.000	55.000	56.000	57.000	58.000	59.000
PRESSURE (PSIG)									
240.000	33.31754	33.26211	33.20648	33.15065	33.09460	33.03836	32.98189	32.92521	32.86829
250.000	33.32813	33.27281	33.21729	33.16157	33.10565	33.04951	32.99316	32.93660	32.87981
260.000	33.33870	33.28348	33.22807	33.17246	33.11665	33.06063	33.00440	32.94796	32.89129
									32.83440

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AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³
TEMPERATURE DEG F

PRESSURE (PSIG)	50.000	51.000	52.000	53.000	54.000	55.000	56.000	57.000	58.000	59.000
270.000	33.34922	33.29412	33.23882	33.18332	33.12762	33.07171	33.01560	32.95927	32.90273	32.84596
280.000	33.35972	33.30472	33.24953	33.19414	33.13855	33.08276	33.02676	32.97055	32.91412	32.85748
290.000	33.37018	33.31528	33.26020	33.20492	33.14944	33.09377	33.03788	32.98178	32.92548	32.86895
300.000	33.38061	33.32582	33.27084	33.21567	33.16031	33.10474	33.04897	32.99299	32.93680	32.88039
310.000	33.39101	33.33632	33.28144	33.22638	33.17113	33.11567	33.06002	33.00415	32.94808	32.89179
320.000	33.40137	33.34679	33.29202	33.23706	33.18192	33.12657	33.07102	33.01527	32.95932	32.90314
330.000	33.41170	33.35722	33.30256	33.24771	33.19267	33.13743	33.08200	33.02636	32.97052	32.91447
340.000	33.42200	33.36762	33.31306	33.25832	33.20338	33.14826	33.09294	33.03741	32.98168	32.92574
350.000	33.43227	33.37799	33.32354	33.26890	33.21407	33.15905	33.10384	33.04842	32.99281	32.93699
360.000	33.44250	33.38833	33.33397	33.27944	33.22472	33.16980	33.11470	33.05940	33.00389	32.94819
370.000	33.45271	33.39864	33.34438	33.28995	33.23533	33.18053	33.12553	33.07034	33.01495	32.95935
380.000	33.46288	33.40891	33.35476	33.30043	33.24591	33.19122	33.13633	33.08125	33.02596	32.97049
390.000	33.47303	33.41915	33.36510	33.31087	33.25646	33.20187	33.14708	33.09211	33.03694	32.98158
400.000	33.48314	33.42936	33.37541	33.32128	33.26698	33.21249	33.15781	33.10294	33.04788	32.99263

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2

PROPYLENE LIQUID DENSITIES LB / FT3

TEMPERATURE DEG F

50.000	51.000	52.000	53.000	54.000	55.000	56.000	57.000	58.000	59.000
PRESSURE (PSIG)									
410.000	33.49322	33.43954	33.38569	33.33166	33.27745	33.22307	33.16850	33.11374	33.05879
420.000	33.50327	33.44969	33.39593	33.34201	33.28791	33.23362	33.17915	33.12450	33.06966
430.000	33.51329	33.45980	33.40615	33.35232	33.29832	33.24414	33.18978	33.13523	33.08049
									33.02557

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AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³
TEMPERATURE DEG F

50.000	51.000	52.000	53.000	54.000	55.000	56.000	57.000	58.000	59.000
PRESSURE (PSIG)									
440.000	33.52328	33.46989	33.41634	33.36261	33.30870	33.25462	33.20037	33.14592	33.09129
450.000	33.53325	33.47995	33.42649	33.37286	33.31905	33.26508	33.21092	33.15658	33.10206
460.000	33.54318	33.48998	33.43661	33.38308	33.32938	33.27550	33.22144	33.16721	33.11279
470.000	33.55309	33.49998	33.44670	33.39327	33.33966	33.28588	33.23193	33.17780	33.12349
480.000	33.56296	33.50994	33.45677	33.40343	33.34992	33.29624	33.24239	33.18836	33.13415
490.000	33.57280	33.51989	33.46680	33.41356	33.36014	33.30656	33.25281	33.19888	33.14478
500.000	33.58262	33.52979	33.47681	33.42366	33.37034	33.31686	33.26320	33.20938	33.15537
510.000	33.59241	33.53967	33.48678	33.43372	33.38050	33.32712	33.27356	33.21983	33.16593
520.000	33.60217	33.54953	33.49672	33.44376	33.39064	33.33735	33.28389	33.23026	33.17646
530.000	33.61191	33.55935	33.50664	33.45377	33.40074	33.34754	33.29419	33.24065	33.18695
540.000	33.62161	33.56914	33.51653	33.46375	33.41081	33.35771	33.30445	33.25102	33.19741
550.000	33.63129	33.57891	33.52638	33.47370	33.42085	33.36785	33.31468	33.26135	33.20784
560.000	33.64094	33.58865	33.53621	33.48362	33.43087	33.37796	33.32489	33.27165	33.21825
570.000	33.65056	33.59836	33.54601	33.49351	33.44085	33.38803	33.33506	33.28192	33.22861
									33.17513

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2

PROPYLENE LIQUID DENSITIES LB / FT3

TEMPERATURE DEG F

50.000	51.000	52.000	53.000	54.000	55.000	56.000	57.000	58.000	59.000
PRESSURE (PSIG)									
580.000	33.66016	33.60804	33.55579	33.50337	33.45081	33.39808	33.34520	33.29216	33.23895
590.000	33.66973	33.61770	33.56553	33.51321	33.46073	33.40810	33.35531	33.30236	33.24925
600.000	33.67927	33.62733	33.57524	33.52301	33.47063	33.41809	33.36539	33.31254	33.25952
									33.20633

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AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³
TEMPERATURE DEG F

50.000	51.000	52.000	53.000	54.000	55.000	56.000	57.000	58.000	59.000
PRESSURE (PSIG)									
610.000	33.68879	33.63693	33.58493	33.53279	33.48050	33.42805	33.37544	33.32269	33.26976
620.000	33.69828	33.64651	33.59460	33.54254	33.49033	33.43798	33.38547	33.33280	33.27997
630.000	33.70774	33.65606	33.60423	33.55227	33.50014	33.44788	33.39546	33.34288	33.29015
640.000	33.71717	33.66558	33.61384	33.56196	33.50993	33.45775	33.40542	33.35294	33.30030
650.000	33.72659	33.67508	33.62342	33.57162	33.51968	33.46760	33.41536	33.36296	33.31042
660.000	33.73597	33.68454	33.63297	33.58126	33.52941	33.47741	33.42526	33.37296	33.32050
670.000	33.74533	33.69398	33.64250	33.59088	33.53911	33.48720	33.43514	33.38293	33.33057
680.000	33.75467	33.70340	33.65200	33.60047	33.54879	33.49696	33.44499	33.39287	33.34060
690.000	33.76398	33.71280	33.66148	33.61003	33.55843	33.50669	33.45481	33.40278	33.35060
700.000	33.77326	33.72216	33.67093	33.61956	33.56805	33.51640	33.46460	33.41266	33.36057
710.000	33.78252	33.73150	33.68036	33.62907	33.57764	33.52608	33.47437	33.42251	33.37051
720.000	33.79176	33.74082	33.68975	33.63855	33.58720	33.53573	33.48410	33.43234	33.38042
730.000	33.80096	33.75011	33.69912	33.64800	33.59674	33.54535	33.49382	33.44213	33.39031
740.000	33.81015	33.75938	33.70847	33.65743	33.60625	33.55495	33.50350	33.45190	33.40017

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2

PROPYLENE LIQUID DENSITIES LB / FT³

TEMPERATURE DEG F

50.000	51.000	52.000	53.000	54.000	55.000	56.000	57.000	58.000	59.000
PRESSURE (PSIG)									
750.000	33.81931	33.76862	33.71779	33.66683	33.61575	33.56452	33.51315	33.46164	33.40999
760.000	33.82845	33.77783	33.72709	33.67621	33.62520	33.57406	33.52278	33.47136	33.41980
770.000	33.83757	33.78703	33.73636	33.68557	33.63464	33.58358	33.53238	33.48104	33.42957
									33.37794



AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³
TEMPERATURE DEG F

50.000	51.000	52.000	53.000	54.000	55.000	56.000	57.000	58.000	59.000
PRESSURE (PSIG)									
780.000	33.84666	33.79620	33.74561	33.69489	33.64405	33.59307	33.54196	33.49070	33.43931
790.000	33.85572	33.80534	33.75483	33.70420	33.65343	33.60254	33.55151	33.50034	33.44903
800.000	33.86477	33.81446	33.76403	33.71347	33.66279	33.61197	33.56103	33.50994	33.45872
810.000	33.87378	33.82355	33.77320	33.72273	33.67212	33.62139	33.57052	33.51952	33.46838
820.000	33.88278	33.83263	33.78236	33.73196	33.68143	33.63078	33.57999	33.52908	33.47802
830.000	33.89175	33.84168	33.79148	33.74116	33.69071	33.64014	33.58944	33.53860	33.48763
840.000	33.90070	33.85070	33.80058	33.75034	33.69997	33.64948	33.59886	33.54810	33.49722
850.000	33.90963	33.85971	33.80966	33.75950	33.70921	33.65879	33.60825	33.55758	33.50677
860.000	33.91854	33.86869	33.81872	33.76863	33.71842	33.66808	33.61762	33.56703	33.51630
870.000	33.92742	33.87764	33.82775	33.77774	33.72760	33.67735	33.62696	33.57645	33.52581
880.000	33.93628	33.88657	33.83676	33.78682	33.73676	33.68658	33.63628	33.58585	33.53529
890.000	33.94511	33.89549	33.84575	33.79588	33.74590	33.69580	33.64558	33.59523	33.54474
900.000	33.95393	33.90437	33.85471	33.80492	33.75502	33.70499	33.65485	33.60457	33.55417
910.000	33.96272	33.91324	33.86365	33.81393	33.76411	33.71416	33.66409	33.61390	33.56358
									33.51313

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2

PROPYLENE LIQUID DENSITIES LB / FT³

TEMPERATURE DEG F

50.000	51.000	52.000	53.000	54.000	55.000	56.000	57.000	58.000	59.000
PRESSURE (PSIG)									
920.000	33.97149	33.92208	33.87256	33.82293	33.77318	33.72330	33.67331	33.62320	33.57295
930.000	33.98024	33.93091	33.88146	33.83190	33.78222	33.73242	33.68251	33.63247	33.58231
940.000	33.98897	33.93971	33.89033	33.84084	33.79124	33.74152	33.69168	33.64172	33.59164
									33.54142



AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³
TEMPERATURE DEG F

50.000	51.000	52.000	53.000	54.000	55.000	56.000	57.000	58.000	59.000
PRESSURE (PSIG)									
950.000	33.99768	33.94848	33.89918	33.84977	33.80024	33.75059	33.70082	33.65094	33.60094
960.000	34.00636	33.95724	33.90801	33.85867	33.80921	33.75964	33.70995	33.66014	33.61021
970.000	34.01503	33.96598	33.91682	33.86755	33.81816	33.76867	33.71905	33.66932	33.61947
980.000	34.02367	33.97469	33.92560	33.87640	33.82710	33.77767	33.72813	33.67848	33.62870
990.000	34.03230	33.98338	33.93436	33.88524	33.83600	33.78665	33.73719	33.68760	33.63791
1000.000	34.04089	33.99205	33.94310	33.89405	33.84488	33.79560	33.74622	33.69671	33.64709
1010.000	34.04948	34.00070	33.95182	33.90284	33.85374	33.80454	33.75523	33.70580	33.65625
1020.000	34.05803	34.00933	33.96052	33.91161	33.86259	33.81345	33.76421	33.71486	33.66538
1030.000	34.06657	34.01794	33.96920	33.92035	33.87141	33.82234	33.77317	33.72389	33.67449
1040.000	34.07509	34.02652	33.97786	33.92908	33.88020	33.83121	33.78211	33.73290	33.68358
1050.000	34.08359	34.03509	33.98649	33.93779	33.88898	33.84006	33.79103	33.74189	33.69264
1060.000	34.09207	34.04364	33.99511	33.94647	33.89773	33.84888	33.79993	33.75086	33.70169
1070.000	34.10052	34.05216	34.00370	33.95513	33.90646	33.85769	33.80880	33.75981	33.71070
1080.000	34.10896	34.06067	34.01227	33.96377	33.91517	33.86646	33.81765	33.76873	33.71970

AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT³

PRESSURE (PSIG)	TEMPERATURE DEG F									
	50.000	51.000	52.000	53.000	54.000	55.000	56.000	57.000	58.000	59.000
1090.000	34.11738	34.06915	34.02082	33.97239	33.92386	33.87522	33.82648	33.77763	33.72867	33.67960
1100.000	34.12578	34.07761	34.02935	33.98099	33.93253	33.88396	33.83529	33.78651	33.73762	33.68862
1110.000	34.13416	34.08606	34.03786	33.98957	33.94118	33.89267	33.84407	33.79536	33.74655	33.69762



AMERICAN PETROLEUM INSTITUTE CHAPTER 11.3.3.2
PROPYLENE LIQUID DENSITIES LB / FT3
TEMPERATURE DEG F

50.000	51.000	52.000	53.000	54.000	55.000	56.000	57.000	58.000	59.000
PRESSURE (PSIG)									
1120.000	34.14252	34.09448	34.04636	33.99813	33.94980	33.90137	33.85284	33.80420	33.75545
1130.000	34.15086	34.10289	34.05482	34.00666	33.95840	33.91005	33.86158	33.81301	33.76434
1140.000	34.15918	34.11128	34.06328	34.01518	33.96699	33.91870	33.87030	33.82180	33.77320
1150.000	34.16748	34.11964	34.07171	34.02368	33.97556	33.92733	33.87901	33.83057	33.78204
1160.000	34.17577	34.12799	34.08012	34.03216	33.98410	33.93594	33.88768	33.83932	33.79086
1170.000	34.18402	34.13632	34.08851	34.04062	33.99262	33.94453	33.89634	33.84805	33.79965
1180.000	34.19227	34.14462	34.09689	34.04905	34.00113	33.95310	33.90498	33.85675	33.80843
1190.000	34.20050	34.15291	34.10524	34.05747	34.00961	33.96165	33.91359	33.86544	33.81718
1200.000	34.20871	34.16118	34.11357	34.06587	34.01807	33.97018	33.92219	33.87410	33.82591
1210.000	34.21689	34.16943	34.12189	34.07425	34.02652	33.97869	33.93077	33.88274	33.83462
1220.000	34.22506	34.17767	34.13018	34.08261	34.03494	33.98718	33.93932	33.89137	33.84331
1230.000	34.23321	34.18588	34.13846	34.09095	34.04335	33.99565	33.94785	33.89997	33.85198
1240.000	34.24134	34.19407	34.14671	34.09927	34.05173	34.00410	33.95637	33.90855	33.86063
1250.000	34.24946	34.20225	34.15496	34.10757	34.06009	34.01253	33.96487	33.91711	33.86925