

Worldwide & European Engineering Materials Approved Source List

VOLUME 7B

PAGE 37

SPECIFICATION NO. GSDB CODE	SPECIFICATION TITLE SUPPLIER NAME/REMARKS	TYPE/ GRADE	COLOR CODE	COLOR NAME	LOG NO.	TRADE NAME/CODE	FORD FILE REFERENCE	FORD APPR. DATE	T O X	TOX NO.
A WSB-M4D638-A	POLYPROPYLENE (PP) MOLDING COMPOUND, COLOR PIGMENTED, LOW GLOSS, UV STABILIZED, INTERIOR, RECYCLING SYMBOL: >PP< DATED: 00-11-03									
SYSTEM NO. AA A68RD	AMOCO PERFORMANCE PRODUCTS INC EXCEPTIONS: 3.5.3.1 ELONGATION AT YIELD 3.5% MIN, 3.5.6 IZOD AT -40 C 1.6 KJ/M2 MIN, 3.5.8.2 IZOD CHANGE -21% MAX. PMS CONSOLIDATED (P009B), APPROVED COLOR CONCENTRATE				66871	ACCTUF 3950X	AVT/IS95020 /CL403145/D 6411	95-12-15	N	IRB029
					66872	PMS COLOR CONCENTRATE	AVT/IS95020 /CL403145/D 6D12	95-12-15	N	IRB029
SYSTEM NO. HA H276B	BASELL USA INC PMS CONSOLIDATED (P009B), APPROVED COLOR CONCENTRATE				56495	PRO-FAX SD-242	BODY/EP9003 5/CL992192/ D-2687	90-10-30	N	IRB029
					56496	PMS COLOR CONCENTRATE FPH	BODY/EP9003 5/D-2689	90-10-30	N	IRB029
SYSTEM NO. HB H276B	BASELL USA INC EXCEPTIONS: ELONGATION AT YIELD 4% MIN, IZOD IMPACT AT A3 C 3.5 KJ/M2, AT -40 C 1.5 KJ/M2 PMS CONSOLIDATED (P009A), APPROVED COLOR CONCENTRATE				62675	PRO-FAX SB891	AVT/EP94048 /CL305746/D 5562	94-09-16	N	IRB029
					65646	PMS COLOR CONCENTRATE FPB	AVT/EP94048 /CL305746/D 6062	95-05-25	N	IRB029
SYSTEM NO. MA K44BA	MYTEX POLYMERS NATURAL PMS CONSOLIDATED (P009B), APPROVED COLOR CONCENTRATE				55084	AX03B	BODY/EP 890	89-01-19	N	IRB029
					56497	PMS COLOR CONCENTRATE FPM	BODY/EP 89013/CL803 360/D-2123	90-01-19	N	IRB029
					58366	FERRO COLOR CONCENTRATE CH	BODY/EP9102 1/D-3025	91-05-17	N	IRB029
					58666	THERMOCOLOR COLOR CONCENTRATE P5	BODY/EP 91031/D- 3127	91-09-03	N	IRB029
SYSTEM NO. MB K44BA	MYTEX POLYMERS				60818	AX05B	BEO/EP9302/ CL203428/D- 4506	93-04-30	N	IRB029
Q5B3C	AMERICHEM INC				72454	43480-H1 MEDIUM DARK GRAPHITE	VX/GBURESH	99-08-17	C2	155287
					72455	43831-H1 MEDIUM DARK PARCHMENT	VX/GBURESH	99-08-17	C2	155282
					72457	43474-H1 MEDIUM PRAIRIE TAN	VX/GBURESH	99-08-17	C2	155283
			ZHEA	Ebony	72741	43527-H1 EBONY	GBURESH/VIS TEON/D20318	00-01-05	C2	156586
D7554	DOW CHEMICAL CO				73207	C703-35U	RVT/FSERINA	00-12-14	N	IRB029
D755A D804A	DOW CHEMICAL CO DOW CHEMICAL EUROPE Approved for molded In Color with Wilson Color Concentrates				73259	C719-35RNHP	PD/FSERINA	01-02-02	N	IRB029
					72754	INSPIRE C705- 44 NAHP NATURAL	FOE/LRODIGA S/D20287	00-01-20	C2	156798
F343G	FERRO CORP		AY5A	Dk.Prairie Tan	72481	CL-81486-800 DK.PRAIRIE TAN	VX/GBURESH	99-08-18	C2	155528
			ZU4A	Md.Dk.Graphite	72482	CL-94303-800 MD.DK.GRAPHITE	VX/GBURESH	99-08-18	C2	155529
			ZUEA	Midnight Black	72483	CL-61739-800 MIDNIGHT BLACK	VX/GBURESH	99-08-18	C2	155527
			KY5A	DK.Denim	72484	CL-81220-800 DK.DENIM	VX/GBURESH	99-08-18	C2	155530
			S6DA	Willow	72486	CL-21605-800 WILLOW	VX/GBURESH	99-08-18	C2	155525

Materials Engineering Testing & Standards

2002-01-02

Worldwide & European Engineering Materials Approved Source List

VOLUME 7B

PAGE 38

SPECIFICATION NO. GSDB CODE	SPECIFICATION TITLE SUPPLIER NAME/REMARKS TYPE/ GRADE COLOR CODE COLOR NAME	LOG NO.	TRADE NAME/CODE	FORD FILE REFERENCE	FORD APPR. DATE	T O X	TOX NO.
A WSB-M4D638-A	POLYPROPYLENE (PP) MOLDING COMPOUND, COLOR PIGMENTED, LOW GLOSS, UV STABILIZED, INTERIOR, RECYCLING SYMBOL: >PP< DATED: 00-11-03						
H276B	BASELL USA INC MATERIAL MEETS THE SPECIFICATION REQUIREMENTS FOR PHYSICAL PROPERTIES EXCEPT FOR A TENSILE STRENGTH AT YIELD OF 19 MPA, ELONGATION AT YIELD OF 3.7%, AND A HEAT DISTORTION TEMPERATURE AT 0.45 MPA OF 91C. APPROVED WITH M. A. HANNA COLOR CONCENTRATE	71019	PRO-FAX SG802N	BE/MMASSER1 /IS97087	97-12-01	N	IRB029
H276Q P009B	BASELL USA INC MA HANNA COLOR	72450	PRO-FAX SG899	VX/GBURESH	99-08-17	C2	155176
	ZHEA Ebony	72478	FPB45762NMBE5 EBONY	VX/GBURESH	99-08-18	C2	155664
R354A	HUNTSMAN CORPORATION APPROVED AS NATURAL WITH M. A. HANNA COLOR CONCENTRATE	69631	REXENE PP- 17N35V	AVTE/MMASSE R1/IS97031/ 9604644	97-02-27	N	IRB029
S093A	A SCHULMAN INC APPROVED FOR PRECOLORED OR SALT & PEPPER. MFR 30 - 42 G/10 MINUTES	59193	POLYFORT PP1930	AVT/EP92016 /CL994419/D 3482	92-03-20	N	IRB029
W353A	WASHINGTON PENN PLASTICS CO INC APPROVED FOR MOLDED IN COLOR APPLICATIONS WITH UNIFORM COLOR CONCENTRATE	72042	EPSILON 3135	BE/MMASSER1 /IS9900153C LS	99-02-04	N	IRB029
A WSS-M4D638-B	POLYPROPYLENE (PP) MOLDING COMPOUND, COLOR PIGMENTED, LOW GLOSS, UV STABILIZED, INTERIOR, RECYCLING SYMBOL: >PP< DATED: 00-03-08						
D7554 V2WSC	DOW CHEMICAL CO BASELL POLYPROPYLENE LIMITED para 3.5.7.1, HDT, - - black 47 0C para 3.5.7.2, HDT, 92 0C	73208	C719-35RNHP	RVT/FSERINA	00-12-14	N	IRB029
		73485	HOSTACOM BA 1195G BLACK	/LRODIGAS	01-08-14	N	IRB029
A WSK-M4D639-A	POLYBUTYLENE TEREPHTHALATE (PBT), EXTRUSION MOLDING COMPOUND, RECYCLING SYMBOL: >PBT< DATED: 00-11-13						
B242B	BAYER AG	55129	POCAN B 1600, 19/021	TO-K/K6167	89-03-06	N	IRB029
		55130	POCAN B 1600, NATURAL	TO-K/K6167	89-03-06	N	IRB029
G232A	GENERAL ELECTRIC CO	55119	VALOX 315-1001 NATURAL	TO-KK 6167	89-02-27	N	IRB029
	PARA 3.5.6.1 IZOD, 4 KJ/M2; PARA 3.5.6.2 IZOD, 3.5 KJ/M2	67410	VALOX 325-1001	AVT/KR6101/ D6628	96-04-09	N	IRB029
	PARA 3.5.6.1 IZOD, 4 KJ/M2; PARA 3.5.6.2 IZOD, 3.5 KJ/M2	67411	VALOX 325-7001	AVT/KR6101/ D6629	96-04-09	N	IRB029
H845A	HUELS AG	55131	VESTODUR 3000,	TO-KK 6167	89-03-06	N	IRB029
A WSB-M4D640-A	POLYPROPYLENE (PP), IMPACT MODIFIED, 35% CHEMICALLY COUPLED GLASS FIBER/MINERAL REINFORCED, MOLDING COMPOUND, RECYCLING SYMBOL: >PP-(GF+M)35< DATED: 00-11-03						
C565A	FERRO CORP	56065	HPP35GS01BK	B&CE- BODY/D-2441	90-05-07	N	IRB029
R412A	RHE TECH INC	55625	F43-01	B&CE/BEPE/C LS 903269/D- 2313	89-09-28	N	IRB029
T128A	THERMOFIL INC	55120	P1-35FM-1374H BK711	B&CE/BEPE	89-03-02	N	IRB029

Materials Engineering Testing & Standards

2002-01-02

Worldwide & European Engineering Materials Approved Source List

VOLUME 7B

PAGE 39

SPECIFICATION NO. GSDB CODE	SPECIFICATION TITLE SUPPLIER NAME/REMARKS TYPE/ GRADE COLOR CODE COLOR NAME	LOG NO.	TRADE NAME/CODE	FORD FILE REFERENCE	FORD APPR. DATE	T O X	TOX NO.
A WSK-M4D641-A	POLYAMIDE (PA) 66, HEAT STABILIZED, 25% GLASS FIBER REINFORCED, CAGES OF BALL BEARINGS, RECYCLING SYMBOL: >PA66-GF25< DATED: 00-11-03						
B039A	BASF AKTIENGESELLSCHAFT	55288	ULTRAMID A3WG5 NATURAL	TO-KS 8070	89-05-25	N	IRB029
		55289	ULTRAMID A3WG5 BLACK 564	TO-KS 8070	89-05-25	N	IRB029
		55290	ULTRAMID A3HG5 NATURAL	TO-KS 8070	89-05-25	N	IRB029
		55291	ULTRAMID A3HG5 BLACK 564	TO-KS 8070	89-05-25	N	IRB029
B024A	BASF CORP	67189	ULTRAMID A3EG5 NATURAL	ACD/D6546	96-02-13	N	IRB029
K2LRA	BASF CORP	61378	ULTRAMID A3WG5 NATURAL	TO- K/G931001/D 4768	93-09-23	N	IRB029
		61380	ULTRAMID A3WG5 BLACK 564	TO- K/G931001/D 4769	93-09-23	N	IRB029
		61381	ULTRAMID A3HG5 NATURAL	TO- K/G931001/D 4770	93-09-23	N	IRB029
		61382	ULTRAMID A3HG5 BLACK 564	TO- K/G931001/D 4771	93-09-23	N	IRB029
		66514	ULTRAMID A3EG5 BLACK 564	ACD/D6353	95-11-15	N	IRB029
B242B	BAYER AG	55143	DURETHAN AKV25H1.0 9000/0 NATURAL	TO-KS 8070	89-03-21	N	IRB029
		55144	DURETHAN AKV25H2.0 9005/0 BLACK	TO-KS 8070	89-03-21	N	IRB029
Q653A	DUPONT DE NEMOURS INTERNATIONAL SA	58163	ZYTEL 70G25HSL NC-10	TO- K/S1002/D- 2905	91-03-15	N	IRB029
		58164	ZYTEL 70G25HSL BK-39B	TO- K/S0105/D- 2906	91-03-15	N	IRB029
		58587	MARANYL A385S, BLACK 917	TO- K/G1098/D- 3168	91-08-05	N	IRB029
		59585	ZYTEL 70G25 HSLR BK-99	TO- K/G2075/D- 3642	92-08-04	N	IRB029
		60174	ZYTEL 70G25 HSL R BK-39B	TO- K/G3024/D39 56	93-03-15	N	IRB029
		60175	ZYTEL 70G25 HSL R NC-010	TO- K/G3024/D39 57	93-03-15	N	IRB029
I049A	VICTREX USA INC	58586	MARANYL A385S, NATURAL 047	TO- K/G1098/D-	91-08-05	N	IRB029
M583A	BAYER CORP	55286	DURETHAN AKV25H1.0 9000/0 NATURAL	TO-KS 8070	89-05-25	N	IRB029
		55287	DURETHAN AKV25H2.0 9005/0 BLACK	TO-KS 8070	89-05-25	N	IRB029
Q878C	SOLUTIA EUROPE SA/NV	60155	VYDYNE R- 525HE-01 BLACK	TO- K/G3016/D39 40	93-02-26	N	IRB029
S9MAA	RHODIA BRASIL LTDA	69483	TECHNYL A218 V25 BLACK	FOE/KGERHAR D/AVT KG 7020	97-02-24	N	IRB029

Materials Engineering Testing & Standards

2002-01-02

Worldwide & European Engineering Materials Approved Source List

VOLUME 7B

PAGE 40

SPECIFICATION NO. GSDB CODE	SPECIFICATION TITLE SUPPLIER NAME/REMARKS	TYPE/ GRADE	COLOR CODE	COLOR NAME	LOG NO.	TRADE NAME/CODE	FORD FILE REFERENCE	FORD APPR. DATE	T O X	TOX NO.
A WSK-M4D641-A	POLYAMIDE (PA) 66, HEAT STABILIZED, 25% GLASS FIBER REINFORCED, CAGES OF BALL BEARINGS, RECYCLING SYMBOL: >PA66-GF25< DATED: 00-11-03									
S9MAA	RHODIA BRASIL LTDA				69484	TECHNYL A218 V25 NATURAL	FOE/KGERHARD/AVT-KG7020	97-02-24	N	IRB029
G998A	A SCHULMAN GMBH				55292	SCHULAMID 66 GF25H NATURAL	TO-KS 8070	89-05-25	N	IRB029
					55293	SCHULAMID 66 GF25H BLACK	TO-KS 8070	89-05-25	N	IRB029
T196A	RHODIA ENGINEERING PLASTICS				55294	TECHNYL A218V25 NATURAL	TO-KS 8070	89-05-25	N	IRB029
					55295	TECHNYL A218V25 BLACK 21N	TO-KS 8070	89-05-25	N	IRB029
					55296	SNIAMID SSD250 KNF NATURAL	TO-KS 8070	89-05-25	N	IRB029
					55297	SNIAMID SSD250 KNF BLACK	TO-KS 8070	89-05-25	N	IRB029
A WSK-M4D642-A	POLYAMIDE (PA) 66, HEAT STABILIZED, 30% GLASS FIBER REINFORCED, OIL LEVEL INDICATOR, RECYCLING SYMBOL: >PA66-GF30< DATED: 00-02-15									
B039A	BASF AKTIENGESELLSCHAFT				55302	ULTRAMID A3WG6 BLACK 564	TO-KS 8103	89-05-25	N	IRB029
					55303	ULTRAMID A3WG6 NATURAL	TO-KS 8103	89-05-25	N	IRB029
	EXCEPT: PARA 3.5.6.1 MIN 7 KJ/M2; 3.5.6.2 MIN 6 KJ/M2; 5.4.1 MIN 13 KJ/M2 APPROVED FOR BLACK AND NATURAL				55304	ULTRAMID A3EG6 YELLOW 16354	TO-KS 8103	89-05-25	N	IRB029
					69537	ULTRAMID A3EG6 BLACK AND NATURAL	AVT/MMASSER1/IS97028	97-02-27	N	IRB029
	APPROVED FOR BLACK AND NATURAL				69542	ULTRAMID A3EG6 BLACK AND NATURAL	BE/MMASSER1/IS97028	97-02-27	N	IRB029
K2LRA	BASF CORP				61398	ULTRAMID A3EG6 YELLOW 16354	TO-K/G931001/D 4786	93-09-23	N	IRB029
					61399	ULTRAMID A3WG6 NATURAL	TO-K/G931001/D 4787	93-09-23	N	IRB029
					61400	ULTRAMID A3WG6 BLACK 564	TO-K/G931001/D 4788	93-09-23	N	IRB029
B242B	BAYER AG				55145	DURETHAN AKV30H1.0 9000/0 NATURAL	TO-KS 8103	89-03-21	N	IRB029
					55146	DURETHAN 9005/0 BLACK	TO-KS 8103	89-03-21	N	IRB029
	EXCEPT: PARA 3.5.6.1 MIN 6.5 KJ/M2, 3.5.6.2 MIN 5 KJ/M2, 5.4.1 MIN 13 KJ/M2				55298	DURETHAN AKV30H2.0 7035/0 GREY	TO-KS 8103	89-05-25	N	IRB029
Q653A	DUPONT DE NEMOURS INTERNATIONAL SA				55305	ZYTEL 70G30 HSL NC-10	TO-KS 8103	89-05-25	N	IRB029
					55306	ZYTEL 70G30 HSL BK-39B	TO-KS 8103	89-05-25	N	IRB029
					59586	ZYTEL A175S BK-337	TO-K/G2074/D36 43	92-08-04	N	IRB029
	EXCEPT: IZOD IMPACT STRENGTH AT 23 C 6 KJ/M2 MINIMUM, AT - 40 C 5 KJ/M2 MINIMUM				60798	ZYTEL 70G30 HRI. Y1.B-178	TO-K/G3049/D44 86	93-05-17	N	IRB029
DOTAB	LAB RADIO SA									

Materials Engineering Testing & Standards

2002-01-02

Worldwide & European Engineering Materials Approved Source List

VOLUME 7B

PAGE 41

SPECIFICATION NO. GSDB CODE	SPECIFICATION TITLE SUPPLIER NAME/REMARKS TYPE/ GRADE COLOR CODE COLOR NAME	LOG NO.	TRADE NAME/CODE	FORD FILE REFERENCE	FORD APPR. DATE	T O X	TOX NO.
A WSK-M4D642-A	POLYAMIDE (PA) 66, HEAT STABILIZED, 30% GLASS FIBER REINFORCED, OIL LEVEL INDICATOR, RECYCLING SYMBOL: >PA66-GF30< DATED: 00-02-15						
DOTAB	LAB RADIO SA EXCEPT PARA 3.5.3 TENSILE MIN. 136, 3.5.4 FLEX. MODULUS MIN. 7.5, IMPACT STR. 3.5.6.1 MIN. 4, 3.5.6.2 MIN. 3 BAYER CORP	69238	RADIOMID A126- 30FV-H	FOE/KGERHAR D/AVTKG6119	97-01-23	N	IRB029
M583A		55299	DURETHAN AKV30H1.0 9000/0 NATURAL	TO-KS 8103	89-05-25	N	IRB029
		55300	DURETHAN AKV30H2.0 9005/0 BLACK	TO-KS 8103	89-05-25	N	IRB029
	EXCEPT: PARA 3.5.6.1 MIN 6.5 KJ/M2; 3.5.6.2 MIN 5 K3/M2; 5.4.1 MIN 13 KJ/M2	55301	DURETHAN AKV30H2.0 7035/0 GREY	TO-KS 8103	89-05-25	N	IRB029
Q878C	SOLUTIA EUROPE SA/NV	60156	VYDYNE R- 530HE-01 BLACK	TO- K/G3013/D39 41	93-02-26	N	IRB029
S4S3A	RADICINOVACIPS SPA	65602	RADILON ARV 300 RKC, NATURAL	AVT/KG95051 1/D6051	95-04-05	N	IRB029
G998A	A SCHULMAN GMBH	58907	SCHULAMID 66GF30H NATURAL	TO- K/SBQ4473/D -3297	91-11-26	N	IRB029
		58908	SCHULAMID 66GF30H BLACK 96.8001	TO- K/SBQ4473/D -3298	91-11-26	N	IRB029
T196A	RHODIA ENGINEERING PLASTICS	58386	SNIAMID SSD300 KNF BLACK	TO- K/S0123/D- 3031	91-05-28	N	IRB029
		58387	SNIAMID SSD300 KNF NATURAL	TO- K/S0123/D- 3030	91-05-28	N	IRB029
W425A	WELLMAN INC	65611	WELLAMID GF1398 BK12	AVT/KG5062/ D6058	95-05-10	N	IRB029
A WSK-M4D642-A2	POLYAMIDE (PA) 66, HEAT STABILIZED, 30% GLASS FIBER REINFORCED MOLDING COMPOUND, INTERIOR, RECYCLING SYMBOL: >PA66-GF30< DATED: 00-11-03						
B039A	BASF AKTIENGESELLSCHAFT	56038	ULTRAMID A3WG6, BLACK 20590	TO- K/S0018/BQ3 150	90-04-03	N	IRB029
		56039	ULTRAMID A3WG6, BLACK 20591	TO- K/S0018/BQ3 150	90-04-03	N	IRB029
		56040	ULTRAMID A3WG6, BLACK 564	TO- K/S0018/BQ3 150	90-04-03	N	IRB029
K2LRA	BASF CORP	61401	ULTRAMID A3WG6 BLACK 564	TO- K/G931001/D	93-09-23	N	IRB029
		61402	ULTRAMID A3WG6 BLACK 20590	TO- K/G931001/D 4790	93-09-23	N	IRB029
		61403	ULTRAMID A3WG6 BLACK 20591	TO- K/G931001/D 4791	93-09-23	N	IRB029
Q653A	DUPONT DE NEMOURS INTERNATIONAL SA	58915	ZYTEL A175S BK-377	TO- K/G1097/D- 3305	91-11-26	N	IRB029
Q878C	SOLUTIA EUROPE SA/NV	60157	VYDYNE R- 530HE-01 BLACK	TO- K/G3014/D39 42	93-02-26	N	IRB029
A WSK-M4D642-A3	POLYAMIDE (PA) 66, HEAT STABILIZED, 30% GLASS FIBER REINFORCED, REDUCED MOISTURE ABSORPTION, MOLDING COMPOUND, RECYCLING SYMBOL: >PA66-GF30<						

Materials Engineering Testing & Standards

2002-01-02

Worldwide & European Engineering Materials Approved Source List

VOLUME 7B

PAGE 42

SPECIFICATION NO. GSDB CODE	SUPPLIER NAME/REMARKS	SPECIFICATION TITLE TYPE/ GRADE	COLOR CODE	COLOR NAME	LOG NO.	TRADE NAME/CODE	FORD FILE REFERENCE	FORD APPR. DATE	T O X	TOX NO.
A WSK-M4D642-A3		POLYAMIDE (PA) 66, HEAT STABILIZED, 30% GLASS FIBER REINFORCED, REDUCED MOISTURE ABSORPTION, MOLDING COMPOUND, RECYCLING SYMBOL: >PA66-GF30< DATED: 91-02-01								
B242B	BAYER AG				57823	DURETHAN RM KU2-2511/30H3.0 9000/0 NATURAL	TO-K/S0052/D-2728	90-11-29	N	IRB029
					57824	DURETHAN RM KU2-2511/30H3.0 9005/0 BLACK	TO-K/S0052/D-2729	90-11-29	N	IRB029
M583A	BAYER CORP			NATURAL	57979	DURETHAN RM KU2/2511/30H3.0 9000/0	TO-K/S0052/D-2823	91-01-28	N	IRB029
				BLACK	57980	DURETHAN RM KU2/2511/30H3.0 9005/0	TO-K/S0052/D-2824	91-01-28	N	IRB029
A WSK-M4D643-A1		POLYPROPYLENE (PP), HOMOPOLYMER, 40% MINERAL FILLED, MELT FLOW RATE 4-7, RECYCLING SYMBOL: >PP-TD40< DATED: 00-11-03								
L3T3A	MONTELL				55148	ASTRYN T60T4 NATURAL	TO-K	89-03-22	N	IRB029
					55149	ASTRYN T60T4 BLACK	TO-K	89-03-22	N	IRB029
H436X	HOECHST AG				55152	HOSTALEN PPN 7190TV40 NATURAL	TO-K	89-03-22	N	IRB029
					55153	HOSTALEN PPN 7190TV40/10-2943	TO-K	89-03-22	N	IRB029
H845A	HUELS AG				55150	VESTOLEN P7072T NATURAL	TO-K	89-03-22	N	IRB029
					55151	VESTOLEN P7072/67226	TO-K	89-03-22	N	IRB029
Q4AJA	REPSOL COMERCIAL DE PRODUCTOS PETROLIFEROS S.A.			GREY	68140	ISPLEN PM-45A/710	AVT/LRODIGA S/AVT.KR612 7	96-08-16	N	IRB029
V2WSB	BASELL POLYPROPYLENE LIMITED				55147	PROCOM X40H651 907	AVT/KR5080	89-03-22	N	IRB029
					55382	PROCOM X40H652 902	TO-KR 8091/A	89-07-12	N	IRB029
					62216	PROCOM X40H651 NATURAL	AVT/KR4065/ D5230	94-06-17	N	IRB029
A WSK-M4D643-A2		POLYPROPYLENE (PP), HOMOPOLYMER, 40% MINERAL FILLED, MELT FLOW RATE 1 - 3.5, RECYCLING DATED: 00-11-03								
G998A	A SCHULMAN GMBH				71397	POLYFORT FPP40T-NATUR	FOE/LRODIGA S/AVT.KLR80 13	98-07-20	C2	152508
					71398	POLYFORT FPP40T-BLACK	FOE/LRODIGA S/AVT.KLR80 13	98-07-20	C2	152507
V2WRA	TARGOR GMBH				55274	HOSTACOM M4 N01 304699	TO-K	89-03-22	N	IRB029
					55275	HOSTACOM M4 N01 102943	TO-K	89-03-22	N	IRB029
S0Y1A	VESTOLEN GMBH									

Materials Engineering Testing & Standards

2002-01-02

Worldwide & European Engineering Materials Approved Source List

VOLUME 7B

PAGE 43

SPECIFICATION NO. GSDB CODE	SPECIFICATION TITLE SUPPLIER NAME/REMARKS	TYPE/ GRADE	COLOR CODE	COLOR NAME	LOG NO.	TRADE NAME/CODE	FORD FILE REFERENCE	FORD APPR. DATE	T O X	TOX NO.
A WSK-M4D643-A2	POLYPROPYLENE (PP), HOMOPOLYMER, 40% MINERAL FILLED, MELT FLOW RATE 1 - 3.5, RECYCLING SYMBOL: >PP-TD40< (SHOWN ON WSK-M4D643-A1) DATED: 00-11-03									
S0Y1A	VESTOLEN GMBH				55272	VESTOLEN P 7072T NATURAL	TO- K/R8091B/D5 265	89-03-22	N	IRB029
					55273	VESTOLEN P 7072T-67226	TO- K/R8091B/D5 266	89-03-22	N	IRB029
A WSK-M4D644-A	POLYPROPYLENE (PP), HOMOPOLYMER, 40% MINERAL FILLED, CONTROLLED RHEOLOGY (CR) GRADE, RECYCLING SYMBOL: >PP-TD40< DATED: 89-05-19									
Q4NTA	APPLIED TECHNOLOGICAL COMPOSITES INC				59499	ATC CJ929 NATURAL	TO- K/R2065/D- 3616	92-07-01	N	IRB029
					59500	ATC CJ929B BLACK	TO- K/R2065/D- 3617	92-07-01	N	IRB029
Q653A	DUPONT DE NEMOURS INTERNATIONAL SA				72392	ZYTEL 73G30 HSI	AVT/AREAUME	99-07-01	N	IRB029
R39PA	EUROPEAN TECHNOLOGICAL COMPOSITES LTD APPROVED FOR EAO APPLICATIONS ONLY.				60926	ETC POLYPRO CJ929 NATURAL	TO- KR3057/D- 4544	93-06-21	N	IRB029
	APPROVED FOR EAO APPLICATIONS ONLY.				60927	ETC POLYPRO CJ929 BLACK	TO- KR3057/D- 4545	93-06-21	N	IRB029
C565A	FERRO CORP				61453	TPP40AJ30BK	CCD/SUPPLIE R DATA/D4688	93-09-10	N	IRB029
L3T3A	MONTELL				56253	MOPLEN AC 69D1-C	TO- K/R0069/BQ3 326/D-2522	90-07-16	N	IRB029
L622A	THERMOFIL POLYMERS (UK) LTD				62390	ESDASH APT40A99 BLACK	TO- K/R3003B/D5 351	94-08-05	N	IRB029
V4PJA	MACHINO-BASELL INDIA LIMITED			BLACK	72001	MMI AG69 DIG	FOE/LRODIGA S/RVT.KLR90 01	99-02-02	C2	154137
FG96C	SPARTECH POLYCOM				61942	PP5140F-B1	CCD/CL30624 2/D5078	94-03-03	N	IRB029
V2WRA	TARGOR GMBH				55154	HOSTACOM M4 U02	TO-K	89-03-22	N	IRB029
					55155	HOSTACOM M4 U02 102943	TO-K	89-03-22	N	IRB029
					59336	HOSTACOM M4 U04 1000 000 BLACK	TO- K/R2060/D- 3584	92-06-04	N	IRB029
				BLACK	59800	HOSTACOM M4	TO- 3766	92-10-21	N	IRB029
V2WSB	BASELL POLYPROPYLENE LIMITED				58591	PROCOM T40H564 907	TO- K/R0078/D- 3154	91-08-09	N	IRB029
N8PUA	UBE INDUSTRIES, LTD				58589	POLYPRO CJ 929 B, BLACK	TO- K/R1038.A/D -3147	91-08-09	N	IRB029
					58590	POLYPRO CJ 929, NATURAL	TO- K/R1038.A/D -3146	91-08-09	N	IRB029
W353A	WASHINGTON PENN PLASTICS CO INC				72722	PPH4TF4-BLK: PPH4TF4-NAT	VISTEON/LRU MAO/D-20369	99-12-07	N	IRB029
A WSK-M4D644-A2	POLYPROPYLENE (PP) HOMOPOLYMER, 40% MINERAL MIX FILLED MOLDING COMPOUND, RECYCLING									

Materials Engineering Testing & Standards

2002-01-02

Worldwide & European Engineering Materials Approved Source List

VOLUME 7B

PAGE 44

SPECIFICATION NO. GSDB CODE	SPECIFICATION TITLE SUPPLIER NAME/REMARKS	TYPE/ GRADE	COLOR CODE	COLOR NAME	LOG NO.	TRADE NAME/CODE	FORD FILE REFERENCE	FORD APPR. DATE	T O X	TOX NO.
A WSK-M4D644-A2	POLYPROPYLENE (PP) HOMOPOLYMER, 40% MINERAL MIX FILLED MOLDING COMPOUND, RECYCLING SYMBOL: >PP-(TD32+TIO2D08)< DATED: 95-02-01									
V4PJA	MACHINO-BASELL INDIA LIMITED			WHITE	72002	MMI AB 6100	FOE/LRODIGA S/RVT.KLR90 01	99-02-02	C2	154136
FG96C	SPARTECH POLYCOM				66857	PP 5140F D30 WHITE	AVT/KR5115/D6403	95-12-12	N	IRB029
V2WRA	TARGOR GMBH				61836	HOSTACOM M3 U01 WHITE	TO-K/R4016/D50 31	94-02-21	N	IRB029
V2WSB	BASELL POLYPROPYLENE LIMITED				62033	PROCOM T40H550 1442 WHITE	TO-K/R4016/D51 46	94-05-04	N	IRB029
A WSS-M4D644-A3	POLYPROPYLENE (PP) HOMOPOLYMER, HEAT STABILIZED, 40% MINERAL FILLED, CONTROLLED RHEOLOGY, 25% MINIMUM RECYCLED CONTENT, MOLDING COMPOUND, RECYCLING SYMBOL: >PP-TD40< DATED: 97-07-31									
C565A	FERRO CORP				69619	TPP40AJ35BK	CCD/NKURTYC Z	97-03-11	C2	145612
FG96C	SPARTECH POLYCOM				72916	BLACK TALC FILLED POLYPROPYLENE .33% (PP5133R B1	ELD/LRUMAO	00-03-31	C2	157356
W353A	WASHINGTON PENN PLASTICS CO INC				70408	PRC25TF4-BLK	CCD/NKURTYC Z/9702702	97-09-10	C2	146964
A WSK-M4D644-A4	POLYPROPYLENE (PP) HOMOPOLYMER, 40% MINERAL MIS FILLED HIGH HEAT MOLDING COMPOUND, INSTRUMENT CLUSTERS, RECYCLING SYMBOL: >PP-(TD+TIO2)42< DATED: 99-03-25									
C565A	FERRO CORP Material is processed by supplier, and enters Ford facility in Saline as an article.				72653	TPP40AC38WH POLYPROPYLENE 40% MINERAL FILLED, HI	ACD/GALENT	99-10-26	N	IRB029
W353A	WASHINGTON PENN PLASTICS CO INC			wHITE	72425	PPH2TF4-WHITE	VISTEON/GBU RESH	99-07-26	N	IRB029
A WSK-M4D645-A	POLYETHYLENE (PE), HIGH DENSITY MOLDING COMPOUND, RECYCLING SYMBOL: >PE-HD< DATED: 89-04-07									
B039A	BASF AKTIENGESELLSCHAFT				55158	LUPOLEN 4261AQ135	TO.KG 8126	89-03-30	N	IRB029
					55159	LUPOLEN	TO.KG 8126	89-03-30	N	IRB029
					59128	LUPOLEN 4261A Q444	TO-K/R1111/D-3441	92-03-12	N	IRB029
	NOT APPROVED FOR FUEL TANKS; ADD-ON PIECES ONLY. EXCEPTIONS: MFR 15-25 G/10 MINUTES, IMPCT STR., IZOD 10 KJ/M2, MIN AT 23 C & 4 KJ/M2, MIN AT -40 C PARA 3.5.6.2, IZOD IMPACT, MIN 4 KJ/M2 AT -40 C				70629	LUPOLEN 4261 AG	FOE/LRODIGA S/AVT.KR703 7	97-05-21	C2	147912
K2LRA	BASF CORP				61710	LUPOLEN 4261 A Q404	TO-K/R4008/D49 63	94-01-18	N	IRB029
B086A	BP CHEMICALS SVISSE SA NOT APPROVED FOR FUEL TANKS				55189	RIGIDEX HM4560EP	TO.K/G8126/BQ2085	89-04-11	N	IRB029
H436X	HOECHST AG NOT APPROVED FOR FUEL TANKS				55190	HOSTALEN GM 7746	TO.K/G8126/BQ2085	89-04-11	N	IRB029
U367A	IPIRANGA PETROQUIMICA S.A.									

Materials Engineering Testing & Standards

2002-01-02

Worldwide & European Engineering Materials Approved Source List

VOLUME 7B

PAGE 45

SPECIFICATION NO. GSDB CODE	SPECIFICATION TITLE SUPPLIER NAME/REMARKS	TYPE/ GRADE	COLOR CODE	COLOR NAME	LOG NO.	TRADE NAME/CODE	FORD FILE REFERENCE	FORD APPR. DATE	T O X	TOX NO.
A WSK-M4D645-A	POLYETHYLENE (PE), HIGH DENSITY MOLDING COMPOUND, RECYCLING SYMBOL: >PE-HD< DATED: 89-04-07									
U367A	IPIRANGA PETROQUIMICA S.A. TANK APPLICATION: APPROVAL COMPONENT ENGINEERING NEEDED				68947	POLISUL GM 7746	AVT/LRODIGA S/AVT.KR617 7	96-12-09	N	IRB029
N0M2A	PAXON POLYMER COMPANY FOR NAAO USE ONLY				60983	PAXON 4261A- Q450	TO- K/R3068/D- 4576	93-06-28	N	IRB029
N0M2B	PAXON POLYMER COMPANY APPROVED FOR FUEL TANK USAGE				70733	PAXON HDPE (PELLETS) - BA46-055	ACD/JREHKOP F	97-12-18	C2	147620
Q4AJA	REPSOL COMERCIAL DE PRODUCTOS PETROLIFEROS S.A. NOT APPROVED FOR FUEL TANKS				69057	ALCUDIA 45060	AVT/LRODIGA S/AVT.KR617 8	97-01-03	B1	146815
S366A	SOLVAY POLYMERS INC FOR NAAO USE ONLY				61287	FORTIFLEX K46- 06-161	TO/KR3028/D 4699	93-09-16	N	IRB029
U5DRA	SOLVAY DO BRASIL S.A. TANK MATERIAL: APPROVAL OF COMPONENT ENGINEERING NECESSARY			BLACK	69160	ELTEX RSB 71	AVT/LRODIGA S/AVT.KR700 8	97-01-15	N	IRB029
A WSK-M4D646-A	POLYVINYL CHLORIDE (PVC), RIGID MOLDING COMPOUND, BODY SIDE MOLDINGS, RECYCLING SYMBOL: >PVC< DATED: 00-11-08									
R136A	REHAU				55180	RAU PVC 1670	TO.KG 8029	89-04-11	N	IRB029
A WSK-M4D646-A2	POLYVINYL CHLORIDE (PVC), 80 D HARDNESS MOLDING COMPOUND, RECYCLING SYMBOL: >PVC< DATED: 92-10-01									
R136A	REHAU				59710	RAU-PVC 1650- 0150	TO- K/R2092/D- 3694	92-09-09	N	IRB029
A WSK-M4D647-A	POLYAMIDE (PA) 66, MOLDING COMPOUND, RETAINER GUIDES, RECYCLING SYMBOL: >PA66< DATED: 00-11-08									
B039A	BASF AKTIENGESELLSCHAFT				57870	ULTRAMID A3K NATURAL	TO-K/S 9168/D-2760	90-12-06	N	IRB029
					57871	ULTRAMID A3K BLACK 464	TO-K/S 9168/D-2761	90-12-06	N	IRB029
					57872	ULTRAMID A3K BLACK 20592	TO-K/S 9168/D-2762	90-12-06	N	IRB029
					57873	ULTRAMID A3K NATURAL	TO-K/S 9168/D-2763	90-12-06	N	IRB029
					57874	ULTRAMID A3K BLACK 464	TO-K/S 9168/D-2764	90-12-06	N	IRB029
					57875	ULTRAMID A3K BLACK 20592	TO-K/S 9168/D-2765	90-12-06	N	IRB029
B242B	BAYER AG				55198	DURETHAN A30 9000/0 NATURAL	TO-KS 8101	89-04-17	N	IRB029
					55199	DURETHAN A30 9005/0 BLACK	TO-KS 8101	89-04-17	N	IRB029
					55307	DURETHAN A31 9000/0 NATURAL	TO-KS 8101	89-05-25	N	IRB029
					55308	DURETHAN A31 9005/0 BLACK	TO-KS 8101	89-05-25	N	IRB029

Materials Engineering Testing & Standards

2002-01-02

Worldwide & European Engineering Materials Approved Source List

VOLUME 7B

PAGE 46

SPECIFICATION NO. GSDB CODE	SUPPLIER NAME/REMARKS	SPECIFICATION TITLE TYPE/ GRADE	COLOR CODE	COLOR NAME	LOG NO.	TRADE NAME/CODE	FORD FILE REFERENCE	FORD APPR. DATE	T O X	TOX NO.
A WSK-M4D647-A		POLYAMIDE (PA) 66, MOLDING COMPOUND, RETAINER GUIDES, RECYCLING SYMBOL: >PA66< DATED: 00-11-08								
B242B	BAYER AG	EXCEPT: PARA 5.1: 6-7 E-5/C; PARA 5.4.1: 10 KJ/M2 MIN			58497	DURETHAN A30S 9000/0 NATURAL	TO- K/S9168/D- 3102	91-07-02	N	IRB029
		EXCEPT: PARA 5.1: 6-7 E-5/C; PARA 5.4.1: 10 KJ/M2 MIN			58498	DURETHAN A30S 9005/0 BLACK	TO- K/S9168/D- 3103	91-07-02	N	IRB029
D7554	DOW CHEMICAL CO	physical properties exceptions: Heat Distortion Temperature @ 1.82 MPa, ISO 75-93 = 60 minimum			73210	VYDYNE NYLON 21SP-01 BLACK	RVT/FSERINA	00-12-14	N	IRB029
D876A		Notched IZOD @ -40 C = 2.8 KJ/m2 minimum EI DUPONT DE NEMOURS & CO INC			58861	ZYTEL E42 RDB- XSC803	TO- K/S1053/D- 3260	91-10-29	N	IRB029
					58862	ZYTEL 42 BKB- 080	TO- K/S1053/D- 3261	91-10-29	N	IRB029
					58863	ZYTEL 42 NC-10	TO- K/S1053/D- 3262	91-10-29	N	IRB029
					59556	ZYTEL 101L BKB-038	CEO/D3590	92-05-27	N	IRB029
					59557	ZYTEL 101L BKB-009	CEO/D3591	92-05-27	N	IRB029
					59558	ZYTEL 101L NC- 010	CEO/D3592	92-05-27	N	IRB029
		Exceptions: Flex Mod. 2.5 min, Heat Deflection temperatures (C) @ 1.82MPa=61 min, @ 0.45 MPa=192 min.			73153	ZYTEL FE3757 NC010	RVT/AREAUME	00-10-16	N	IRB029
Q653A	DUPONT DE NEMOURS INTERNATIONAL SA				55313	ZYTEL E101L NC-10 NATURAL	TO-KS 8101	89-05-25	N	IRB029
					55314	ZYTEL E101L BK-80 BLACK	TO-KS 8101	89-05-25	N	IRB029
					56265	MARANYL A100 NATURAL	TO- K/S9168/BQ3 297/D-2534	90-07-16	N	IRB029
					56266	MARANYL A100 BLACK 938	TO- K/S9168/BQ3 297/D-2535	90-07-16	N	IRB029
					56267	ZYTEL 102F NC- 010	TO- K/S9168/BQ3 298/D-2536	90-07-16	N	IRB029
					56268	ZYTEL 102F BK- 009	TO- K/S9168/BQ3 298/D-2537	90-07-16	N	IRB029
					56269	ZYTEL EFE 1151 NC-010	TO- K/S9168/BQ3 299/D-2538	90-07-16	N	IRB029
					56270	ZYTEL EFE 1151 BK-370	TO- K/S9168/BQ3 299/D-2539	90-07-16	N	IRB029
					56271	MARANYL A225	TO- 300/D-2540	90-07-16	N	IRB029
					56272	MARANYL A225 BLACK 934	TO- K/S9168/BQ3 300/D-2541	90-07-16	N	IRB029
					56273	MARANYL A228 NATURAL	TO- K/S9168/BQ3 301/D2542	90-07-16	N	IRB029
					58858	ZYTEL E42 NC- 10	TO- K/S1053/D- 3257	91-10-29	N	IRB029
					58859	ZYTEL E42 BKB- 080	TO- K/S1053/D- 3258	91-10-29	N	IRB029
					58860	ZYTEL E42 RDB- XSC803	TO- K/S1053/D- 3259	91-10-29	N	IRB029

Materials Engineering Testing & Standards

2002-01-02

Worldwide & European Engineering Materials Approved Source List

VOLUME 7B

PAGE 47

SPECIFICATION NO. GSDB CODE	SPECIFICATION TITLE SUPPLIER NAME/REMARKS	TYPE/ GRADE	COLOR CODE	COLOR NAME	LOG NO.	TRADE NAME/CODE	FORD FILE REFERENCE	FORD APPR. DATE	T O X	TOX NO.
A WSK-M4D647-A	POLYAMIDE (PA) 66, MOLDING COMPOUND, RETAINER GUIDES, RECYCLING SYMBOL: >PA66< DATED: 00-11-08									
Q653A	DUPONT DE NEMOURS INTERNATIONAL SA				62314	ZYTEL 136F BKB-207	TO- K/G4082/D52 98	94-07-19	N	IRB029
	EXCEPT PARA 3.5.7.2. HDT AT 0.45 PA 135C				62315	ZYTEL 101F NC- 10	TO- K/G4080/D52 99	94-07-19	N	IRB029
					62316	ZYTEL 101F BK- 09	TO- K/G4080/D53 00	94-07-19	N	IRB029
					62317	ZYTEL 135F NC- 10	TO- K/G4081/D53 01	94-07-19	N	IRB029
					63892	ZYTEL EFE 1068 NC-010	AVT/TO- K/G5009/D59 56	95-01-19	N	IRB029
					63893	ZYTEL EFE 1068 BK-381	AVT/TO- K/G5009/D59 57	95-01-19	N	IRB029
G0A2B	HOECHST CELANESE CORP Natural and Black				73372	CELANESE NYLON 1000-11	/ALIN5	01-06-04	N	IRB029
	Natural and Black				73373	CELANESE NYLON 1000-1	/ALIN5	01-06-04	N	IRB029
	Natural and Black				73376	CELANESE NYLON 1000-2	/ALIN5	01-06-04	N	IRB029
M583A	BAYER CORP				55309	DURETHAN A30 9000/0 NATURAL	TO-KS 8101	89-05-25	N	IRB029
				BLACK	55310	DURETHAN A30 9005/0 (BLACK)	TO-KS 8101	89-05-25	N	IRB029
				BLACK	55311	DURETHAN A31 9000/0 (NATURAL)	TO-KS 8101	89-05-25	N	IRB029
	EXCEPT: PARA 5.1: 6-7 E-5/C; PARA 5.4.1: 10 KJ/M2 MIN				55312	DURETHAN A31 9005/0 BLACK	TO-KS 8101	89-05-25	N	IRB029
	EXCEPT: PARA 5.1: 6-7 E-5/C; PARA 5.4.1: 10 KJ/M2 MIN				58499	DURETHAN A30S 9000/0 NATURAL	TO- K/S9168/D- 3104	91-07-02	N	IRB029
					58500	DURETHAN A30S 9005/0 BLACK	TO- K/S9168/D- 3105	91-07-02	N	IRB029
Q878C	SOLUTIA EUROPE SA/NV				60158	VYDYNE 21SP NATURAL	TO- K/G3017/D39 43	93-02-26	N	IRB029
					60159	VYDYNE 24NSP NATURAL	TO- K/G3019/D39 44	93-02-26	N	IRB029
M736A	SOLUTIA INC.				66917	VYDYNE 24NSP NATURAL	AVT/KG/D645 7	95-12-21	N	IRB029
					66918	VYDYNE 21SP NATURAL	AVT/K/D6458	95-12-21	N	IRB029
	EXC:PARA 3.5.6.1 IMPACT STR. 2.8 KJ/M2 MINIMUM, 35.6.2 IMPACT STR AT -40 C 2.6 KJ/M2 MINIMUM				63679	TECHNYL A 221 NOIR 21N (BLACK)	AVT/TO/K- G5030/D5853	95-02-20	N	IRB029
	EXC:PARA 3.5.6.1 IMPACT STR. 2.8 KJ/M2 MINIMUM, 35.6.2 IMPACT STR. AT -40 C 2.6 KJ/M2 MINIMUM				63680	TECHNYL A 221 NATURAL	AVT/TO/K- G5030/D5854	95-02-20	N	IRB029
S1NUA	RHODIA ENGINEERING PLASTICS				63677	TECHNYL A 221 NOIR 21N (BLACK)	AVT/TO/K- G5030/D5851	95-02-20	N	IRB029
	EXC:PARA 3.5.6.1 IMPACT STR. 2.8 KJ/M2 MINIMUM, 35.6.2 IMPACT STR. AT -40 C 2.6 KJ/M2 MINIMUM				63678	TECHNYL A 221 NATURAL	AVT/TO/K- G5030/D5852	95-02-20	N	IRB029
S9MAA	RHODIA BRASIL LTDA				69482	TECHNYL A221	FOE/KGERHAR D/AVT- KG7021	97-02-24	N	IRB029
G998A	A SCHULMAN GMBH			NATURAL & BLACK						

Materials Engineering Testing & Standards

2002-01-02