



ACTIVATED CARBON, GRANULAR (8x35)
ACTIVATED CARBON, GRANULAR (8x25)
ACTIVATED CARBON, GRANULAR (6x18)

WSS-M99G117-C6
WSS-M99G117-C7
WSS-M99G117-C8

1. SCOPE

The material defined by this specification is a granular high activity carbon.

2. APPLICATION

This specification was released originally for material used in the carbon canister to adsorb gasoline vapors vented from the fuel tank and prevent evaporative emission into the atmosphere.

3. REQUIREMENTS

3.1 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

Material suppliers and part producers must conform to the Company's Standard Requirements For Production Materials (WSS-M99P1111-A).

3.2 SIEVE ANALYSIS (DRY), % (ASTM D 2862)

	C6	C7	C8
Sieve Size	8 x 35	8 x 25	6 x 18
>6 Mesh (>3.35mm), max	--	--	5
>8 Mesh (>2.36mm), max	5	5	--
>18 Mesh (>1.00 mm), min	--	--	92
<18 Mesh (<1.00mm), max	--	--	3
>25 Mesh (>0.71mm), min	--	92	--
<25 Mesh (<0.71mm), max	--	3	--
>35 Mesh (>0.5mm), min	92	--	--
<35 Mesh (<0.5mm), max	3	--	--
<60 Mesh (<0.25mm), max	0.3	0.3	0.3

3.3 WORKING CAPACITY, BUTANE, g/100ml (ASTM D 5228-92)

11.0 min	11.0 min	11.0 min
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3.4 SATURATED CAPACITY, BUTANE, g/100ml (ASTM D 5228-92, Hydrocarbon Trap Only)

11.0 - 15.0	--	--
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3.5 APPARENT DENSITY DRY, g/ml (ASTM D 2854)

0.24 - 0.32	0.24 - 0.32	0.24 - 0.32
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3.6 HARDNESS, min (ASTM D 3802)

35	35	35
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3.7 MOISTURE CONTENT, %, max (ASTM D 2867)

5	5	5
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Date	Action	Revisions	Rev. 1
2014 07 02	Revised	See Summary of Revisions	A. Reaume, NA
2011 11 22	Activated		A. Reaume, NA



4. GENERAL INFORMATION

The information given below is provided for clarification and assistance in meeting the requirements of this specification. Contact gmfs@ford.com for questions concerning Engineering Material Specifications.

5. SUMMARY OF REVISIONS

2014 07 02

Changed units of Working Capacity from g/cm³ to g/100 ml.

Added saturated capacity requirement

Changed units of apparent density dry from g/cm³ to g/ml.