



ACTIVATED CARBON, PELLETS

WSS-M99G117-C3

1. SCOPE

The material defined by this specification is an activated carbon pellet.

2. APPLICATION

The active material used in the carbon canister to adsorb gasoline vapors vented from the fuel tank and prevent evaporative emission into the atmosphere.

3. REQUIREMENTS

Material specification requirements are to be used for initial qualification of materials.

3.0 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

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

3.4 WORKING CAPACITY

(ASTM D 5228-92)

3.4.1 Butane, g/100 ml, min

9.5

3.5 SIEVE ANALYSIS (DRY), %

(ASTM D 2862)

+6 Mesh (>6mm)

2 max

6 x 10 Mesh (2.0-3.35mm)

80 min

10 x 12 (1.7-2.2mm)

15 max

12 x 14 Mesh (1.4-1.7mm)

5 max

14 x 18 Mesh (1.0-1.4mm)

3 max

-18 Mesh (<1.0mm)

1 max

-60 Mesh (<0.25mm)

0.3 max

3.6 APPARENT DENSITY DRY, g/ml

(ASTM D 2854)

0.30 - 0.40

3.7 STRENGTH, min

(FLTM AZ 103-03)

Extruded

55

Date	Action	Revisions
2009 03 13	Revised	See SUMMARY OF REVISIONS G. Kowalski, FNA
2006 09 19	Revised	Inserted 3.0; Deleted 3.1, 3.2, 3.3, 3.11 & 4
1997 05 14	Activated	



3.8	MOISTURE CONTENT, %, max (ASTM D 2867)	5
3.9	PH OF ACTIVATED CARBON, min (ASTM D 3838)	7.0

4. SUMMARY OF REVISIONS

2009 03 13 Revised paragraph 3.5, Sieve Analysis (Dry)
Eliminated paragraph 3.9, Activity
Revised paragraph 3.8, Moisture Content