



CARPET, POLYESTER, NON WOVEN, FLAT FELT NEEDED 240 G/M² (7 OZ) NOMINAL FACE, LATEX, MOLDABLE MASS BACKED

WRS-M3H105-A15

1. SCOPE

The materials defined by these specifications are flat felt needed, nonwoven carpets of good quality and uniform composition used for moldable applications. The carpet face is made with 100% post industrial and post consumer fibers. The PE and mass backing is utilized for NVH properties and moldability.

2. APPLICATION

This specification was released originally for molded Explorer trunk bin liners.

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).

3.1.1 In addition to the requirements listed herein, the end-item floor carpet shall be tested to WSS-M15P32-D and any additional SDS requirements. The details for each of the suppliers specific construction shall be documented in the supplement attached and held in the scanned data package.

3.1.2 Vehicle Interior Environment Quality Materials/Component Performance Requirements

Materials used in interior applications must meet the requirements outlined in WSS-M99P2222-D1/ latest. Test data must be provided by the Tier 1 at the appropriate program milestone.

3.1.3 Recycled Content

This specification must contain 100% recycled content as defined by WRS-M99P42-A2 (*Textile Materials, Identification of Recycled Content*).

3.2 SAMPLE SELECTION

All evaluations shall be conducted on test specimens taken from finished roll goods prior to any subsequent operations, such as reheating or molding.

Date	Action	Revisions	Rev 00
2014 07 30	Released		

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3.3 APPEARANCE (FLTM BI 109-01)

The color, pattern, and finish shall match the approved Design Center master sample, or shall be as specified on the engineering drawing.

3.4 COMPOSITION

3.4.1	Face Fiber (ASTM D276)	100% PIR/PCR Polyester
3.4.2	Back Coating (ASTM D276)	Non Moldable Latex
3.4.3	Pre-Coat (ASTM D276)	Polyethylene
3.4.4	Mass Backing (ASTM D276)	EVA
3.4.5	Scrim (ASTM D276)	Polyester

3.5 METHOD OF DYEING

Solution dyed

3.6 CONSTRUCTION

3.6.1	Face Fiber (ASTM D 1244)	6 Denier
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3.7 THICKNESS* (ISO 1765)

3.0 +/- 1.0 mm

*Face thickness prior to molding.

3.8 WEIGHT

3.8.1	Face Fiber (ASTM D5848)	216-264 g/m ² (6.3 – 7.8) oz
3.8.2	Back Coat (ASTM D5848)	200 g/m ² (5.9 oz)
3.8.3	Pre-Coating (ASTM D5848)	200 g/m ² (5.9 oz)
3.8.4	Mass Backing (ASTM D5848)	Report g/m ² *

* Mass backing weight is vehicle dependent. Approved mass backing weights will be documented on the Approved Source List (ASL)