

ENGINEERING MATERIAL SPECIFICATION

Material Name

Specification Number

**FABRIC, TWILL INDIA PATTERN, WOVEN DOBBY,
UNLAMINATED**

WSS-M1H863-A

1. SCOPE

The material defined by this specification is a dobby woven polyester face fabric.

2. APPLICATION

This specification was released originally for material used as an interior trim fabric for the 2002 Model Year.

3. REQUIREMENTS

In addition to the requirements listed herein, the fabric shall meet all requirements of WSS-M8P18-A1/A2/A3/A4 as applicable for commercial vehicle application.

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 FABRIC CONSTRUCTION

3.4.1 Fabric Count, +/- 5 % tolerance
(ASTM D 3775)

Warp	280 ends/10 cm
Weft	162 picks/10 cm

3.4.2 Fabric Weight, range
(FLTM BN 106-01)

310 +/- 30 g/m²

3.5 COMPOSITION (ASTM D 629)

Fabric

100 % polyester

Date	Action	Revisions
2003 04 15	Revised	Para 3.0 inserted; Para 3.1, 3.2, 3.3, 3.10, 3.11, 4 deleted
2001 07 11	Activated	N. J. Komatsu

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3.6 YARN CONSTRUCTION
(ASTM D 1244)

Warp

500 dtex f192
(Polyester, semi-dull,
air texturized,
round section)

Weft

833 dtex f192
(Polyester, semi-dull,
air texturized,
round section)

3.7 METHOD OF DYEING

Yarn dyed or as
approved by Materials
Engineering.

3.8 FINISHING OPERATION

As approved by
Materials Engineering

3.9 FLAMMABILITY
(ISO 3795/SAE J369)

Burn Rate, max

100 mm/minute

Note: Not required on face fabric when used as a fully bonded composite.

5. GENERAL INFORMATION

The information given below is provided for clarification and assistance in meeting the requirements of this specification.

- 5.1** Purchase departments will ensure that both materials defined in this specification and shipped to any one assembly plant will be produced by one supplier only.