TEST REPORT



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PRODUCT: **FT 1149X PET** SUPPORT: **FLOCK** SUBSTRATE: **ABS**

CERT NO .: 230104 - 1448

FORD ESB M6G17-A

OEM Rev Date: Jul 89

Adhesion Requirements, PSA Antisqueak Flock

NOT FOR NEW DESIGN - NO REPLACMENT

TAPE REQUIREMENTS:

3.7.

SECTION: 3.5 Fogging, Oil Bath SAF .11756-06 **Specification** Results | Status 4 1 3.5, Fogging, Oil Bath, 3 hrs @ 100°C, 21°C Cooling, 16 hrs @ RT 80 Units 99.3 **Pass** SECTION: 3.6.1 Flock Fiber Results As Reported By Supplier **Specification** Status

3.6.1, Flock Fiber, Type 100% Nvlon 3.6.1, Flock Fiber, Size 1.5 - 3.0 Denier 3.6.1, Flock Fiber, Color Black 3.6.1, Flock Fiber, Method of Dyeing Stock or Solution

SECTION: 3.6.2 Flock Adhesive **Specification** The adhesive shall be non-staining and shall be compatible in color with the flock fiber. The 3.6.2, Statement adhesive shall not become soft, tacky or exhibit blistering or delamination after any of the tests

outlined in this specification, and shall be equal in other properties to the approved sample on file in the Interior Materials Engineering Section.

SECTION: 3.6.3 Fabric **Specification Status** Results | This product meets spec criteria 3.6.3, Composition 50% Synthetic **Pass** This product meets spec criteria 3.6.3, Construction Woven or non-woven **Pass**

SECTION: 3.6.4 Pressure Sensitive Adhesive As Reported By Supplier Results **Specification** Status This product meets spec criteria 3.6.4. Statement Non-Staining, Heat Resistant and Suitable for a Variety of Substrates **Pass**

SECTION: 3.7 **Thickness** SAE J882 As Reported By Supplier Specification Results Status 0.81 3.7. 1.35 - 1.60 mm Reported SECTION: 3.8 Loose Flock FLTM BN 108-08 As Reported By Supplies **Specification** Results Status |

0.8 a/m2 SECTION: 3.9 **Abrasion Resistance** FLTM BN 108-02 As Reported By Supplier **Specification** Results **Status** 3.9.1, > 1,500 1500 Cycles **Pass**

3.9.2, 1000 Cycles > 1,000 **Pass** 3.9.3, 1500 Cycles > 1.500 **Pass** SECTION: 3.1 **Scuffing Resistance** FLTM BN 108-04 As Reported By Supplier **Specification** Results Status 5 4 1

> 2,000 **Pass** SECTION: 3.1 Peel Adhesion ASTM D1000 **Specification** Results Status 3.11.1, Initial, 20 mins @ RT 4 N / cm 9.2 **Pass**

11.6 3.11.2, High Temp, 7 days @ 82°C 11.6 N/cm **Pass** 14.8 3.11.3, Cycles (5X) 4 hrs @ 70°C 14 N / cm **Pass**

4 hrs @ 38°C / 95-100% RH 16 hrs @ -29C

SECTION: 3.1 Shear Adhesion ASTM D1000 **Specification** Results **Status** 3.12.1, Cold Shear, 24 hrs @ -18°C 232 kPa 579.9 **Pass**

3.12.2, Hot Shear, 24 hrs @ 60°C 89 kPa 173.0 **Pass**

SECTION: 3.1 RH Resistance **Specification** Results Status Good, Stable, No Lifting 3.13.1, 48 hrs @ 38°C / 95-100% RH No Adhesion Loss **Pass**

SECTION: 3.1 Heat Resistance Results **Specification** Status No Blisters or Delamination 3.14.1, 30 mins @ 120°C No Blistering or Delamination **Pass** 3.14.2, 7 days @ 102°C No Blistering or Delamination No Blisters or Delamination **Pass**

SECTION: 3.2 Odor SAE J1351* **Specification Results** Status No Disagreeable Odor, 2 3.15, Odor, Dry - 1 hr @ 65°C 3 Max Rating **Pass**

Specification SECTION: 3.2 Flammability SAF .1369 Results Status 4 1 3.16, Initial, Component 100 mm / min < B25 **Pass**

CERTIFIED BY:

ISSUE DATE: 1-1-24

Materials tested to OEM requirements @ 72°F +/- 2°F and 50% RH +/- 5%. Test uncertainty and minor exclusions are available online or upon request. This certificate or report shall not be reproduced except in full, without the written approval of the Avery Dennison Performance Tapes. Status opinion based upon measurements obtained by personnel with appropriate training and professional experience.

Dave Nichols Jr, Automotive Lab Technician

100% Nylon

1.5 - 3.0 Denier

Black

Solution

Results

This product meets spec criteria

0.03

Pass

Pass

Pass

Status

Pass

Pass