## TEST REPORT



250 Chester Street Painesville, Ohio 44077

email:

URI ·

866-GO-AVERY (866-462-8379) Phone:

888-358-4469 Fax:

> psa.tape@averydennison.com tapes.averydennison.com

PRODUCT: FT 1149X SUPPORT: **FLOCK** SUBSTRATE: PP

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:** 

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 Status

**Specification** 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** This product meets spec criteria 3.6.4, Statement Non-Staining, Heat Resistant and Suitable for a Variety of Substrates

FLTM BN 108-04 As Reported By Supplier

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

3.7, Loose Flock 0.03 0.8 a/m2 **Pass** SECTION: 3.9 Abrasion Resistance FLTM BN 108-02 As Reported By Supplier **Specification** Results **Status** 3.9.1, Dry Cycle, CS-10, 1000 g > 1,500 1500 Cycles Pass

3.9.2, Wet Cycle (15 min soak), CS-10, 500 g 1000 Cycles > 1,000 **Pass** 3.9.3, Heat Aged, 7 days @ 80°C, CS-10, 1000 g 1500 Cycles > 1.500 **Pass** 

**Specification** 

3.1, Scuffing Resistance, 900 g, "A" Head 2000 > 2,000 **Pass** SECTION: 3.1 Peel Adhesion ASTM D1000 **Specification** Results Status 3.11.1, Initial, 20 mins @ RT 1.5 N/cm 6.3 **Pass** 

4.0 3.11.2, High Temp, 7 days @ 82°C 1.5 N/cm **Pass** 14.8 3.11.3, Cycles (5X) 4 hrs @ 70°C 1.9 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 183 kPa 586.5 **Pass** 

3.12.2, Hot Shear, 24 hrs @ 60°C 101 kPa 212.0 **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 Results SAF .1369 Status 4 1 3.16, Initial, Component 100 mm / min < B25 **Pass** 

**CERTIFIED BY:** 

SECTION: 3.1 Scuffing Resistance

ISSUE DATE: 1-1-24 Dave Nichols Jr, Automotive Lab Technician

100% Nylon

1.5 - 3.0 Denier

Black

Solution

Results

This product meets spec criteria

Results

**Pass** 

**Pass** 

**Pass** 

Status

**Pass** 

Status

**Pass** 

Status 5 4 1