## **TEST REPORT** FT A902 PET

240301 - 0604

**FLOCK** 

ABS



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FORD ESB M6G17-A psa.tape@averydennison.com OEM Rev Date: Jul 12

Adhesion Requirements, PSA Antisqueak Flock

PRODUCT:

SUPPORT:

CERT NO .:

SUBSTRATE:

## NOT FOR NEW DESIGN - NO REPLACMENT

TAPE REQ	UIRE	MENTS:
SECTION:	3.5	Fogging

3.5, Fogging, 3 hrs @ 100°C, 21°C Cooling, 16 hrs @ RT		80 Units	85.7	Pass
SECTION: 3.6.1 Flock Fiber 3.6.1, Flock Fiber, Type	As Reported By Supplier	Specification 100% Nylon	<u>Results</u> 100% Nylon	Status Pass
3.6.1, Flock Fiber, Size		1.5 - 3.0 Denier	1.5 - 3.0 Denier	Pass
3.6.1, Flock Fiber, Color		Black	Black	Pass
3.6.1, Flock Fiber, Method of Dyeing		Stock or Solution	Solution	Pass

**Specification** 

**Specification** 

SAE J1756'

FI TM RN 108-2\*

SECTION: 3.6.2 Flock Adhesive

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	<b>Specification</b>	<u>Results</u>	<u>Status</u>
3.6.3, Composition	50% Synthetic	This product meets spec criteria	Pass
3.6.3, Construction	Woven or non-woven	This product meets spec criteria	Pass

SECTION: 3.6.4 Pressure Sensitive Adhesive

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

SECTION: <b>3.7 Thickness</b> 3.7, Thickness, Flock		<b>Specification</b> SAE J882* <b>1.35 - 1.60 mm</b>		Results 0.88	Status Reported
SECTION: 3.8 Loose Flock 3.7, Loose Flock	As Reported By Supplier	Specification 0.8 g/m2	FLTM BN 108-8*	Results 0.1	Status Pass

**Specification** 

> 1500 Cycles

> 100 Cycles

>1500 Cycles

SECTION: 3.9 Abrasion Resistance As Reported By Supplier

3.9.1, Dry Cycle, CS-10, 1000 g

3.9.2, Wet Cycle (15 min soak), CS-10, 500 g 3.9.3, Heat Aged, 7 days @ 80°C, CS-10, 1000 g

SECTION: 3.10 Scuffing Resistance FLTM BN 108-4 As Reported By Supplier Specification Results **Status** The Sample Meets The Standard Requirement 3.1, Scuffing Resistance, 900 g, "A" Head, 2000 Cycles No Excessive Lifting Of Flock Fibers Or **Pass Adhesive Peeling** 

SECTION: 3.11 Peel A	dhesion	Specification ASTM D1000	<u>Results</u>	<u>Status</u>
3.11.1, Initial, 20 mins @	RT	4 N / cm	12.9	Pass
3.11.2, High Temp, 7 days	s @ 82°C	11.6 N / cm	15.0	Pass
3.11.3, Cycles (5X)	4 hrs @ 70°C	14 N / cm	16.7	Pass
	4 hrs @ 38°C / 95-100% RH			
	16 hrs @ -29C			

SECTION: 3.12 Shear Adhesion **Specification** ASTM D1000 Results **Status** 3.12.1, Cold Shear, 24 hrs @ -18°C 232 kPa 439.8 **Pass** 3.12.2, Hot Shear, 24 hrs @ 60°C 89 kPa 450.2 **Pass** 

SECTION: 3.13 RH Resistance **Specification Results Status** 3.13.1, 48 hrs @ 38°C / 95-100% RH Good, Stable, No Lifting No Adhesion Loss **Pass** 

SECTION: 3.14 Heat Resistance **Specification** Results **Status** 3.14.1, 30 mins @ 120°C No Blistering or Delamination No Blisters or Delamination Pass 3.14.2, 7 days @ 102°C No Blistering or Delamination No Blisters or Delamination **Pass** 

SECTION: 3.15 Odor Specification SAE J1351\* Results Status Not Tested 3.15, Odor, Dry - 1 hr @  $65^{\circ}$ C 3 Max Rating **Not Tested** 

SECTION: 3.16 Flammability ISO 3795\* / SAE J369\* **Specification** Results Status 5 4 1 3.16, Initial, Component SE 100 mm/min **Pass** 

**CERTIFIED BY:** 

ISSUE DATE: 1-1-25

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.

David Nichols II. Automotive Lab Technician

ACCREDITED

TESTING LABORATORY

**Status** 

**Status** 

Pass

Status 4 1

**Pass** 

**Status** 

**Pass** 

**Pass** 

**Pass** 

Results

Results

This product meets spec criteria

<u>Results</u>

No Wear Thru

No Wear Thru

No Wear Thru