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TEST REPORT

PRODUCT: FT A902 PET
SUPPORT: FLOCK
SUBSTRATE: PP
CERT NO.: 240116 - 1103

FORD ESB M6G17-A
OEM Rev Date: Jul 12
Adhesion Requirements, PSA Antisqueak Flock



NOT FOR NEW DESIGN - NO REPLACEMENT

TAPE REQUIREMENTS:

SECTION:	Specification	Reference	Results	Status
SECTION: 3.5 Fogging 3.5, Fogging, 3 hrs @ 100°C, 21°C Cooling, 16 hrs @ RT	80 Units	SAE J1756*	85.7	Pass
SECTION : 3.6.1 Flock Fiber <i>As Reported By Supplier</i>	100% Nylon		100% Nylon	Pass
3.6.1, Flock Fiber, Type	1.5 - 3.0 Denier		1.5 - 3.0 Denier	Pass
3.6.1, Flock Fiber, Size	Black		Black	Pass
3.6.1, Flock Fiber, Color	Stock or Solution		Solution	Pass
3.6.1, Flock Fiber, Method of Dyeing				
SECTION : 3.6.2 Flock Adhesive	The adhesive shall be non-staining and shall be compatible in color with the flock fiber. The 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.		This product meets spec criteria	Pass
3.6.2, Statement				
SECTION : 3.6.3 Fabric	50% Synthetic		This product meets spec criteria	Pass
3.6.3, Composition	Woven or non-woven		This product meets spec criteria	Pass
3.6.3, Construction				
SECTION : 3.6.4 Pressure Sensitive Adhesive	Non-Staining, Heat Resistant and Suitable for a Variety of Substrates		This product meets spec criteria	Pass
3.6.4, Statement				
SECTION : 3.7 Thickness	1.35 - 1.60 mm	SAE J882*	0.88	Reported
3.7, Thickness, Flock				
SECTION : 3.8 Loose Flock <i>As Reported By Supplier</i>	0.8 g/m2	FLTM BN 108-8*	0.1	Pass
3.7, Loose Flock				
SECTION : 3.9 Abrasion Resistance <i>As Reported By Supplier</i>	> 1500 Cycles	FLTM BN 108-2*	No Wear Thru	Pass
3.9.1, Dry Cycle, CS-10, 1000 g	> 100 Cycles		No Wear Thru	Pass
3.9.2, Wet Cycle (15 min soak), CS-10, 500 g	>1500 Cycles		No Wear Thru	Pass
3.9.3, Heat Aged, 7 days @ 80°C, CS-10, 1000 g				
SECTION : 3.10 Scuffing Resistance <i>As Reported By Supplier</i>	No Excessive Lifting Of Flock Fibers Or Adhesive Peeling	FLTM BN 108-4*	The Sample Meets The Standard Requirement	Pass
3.1, Scuffing Resistance, 900 g, "A" Head, 2000 Cycles				
SECTION : 3.11 Peel Adhesion	1.5 N / cm	ASTM D1000	4.5	Pass
3.11.1, Initial, 20 mins @ RT	1.5 N / cm		6.0	Pass
3.11.2, High Temp, 7 days @ 82°C	1.9 N / cm		6.2	Pass
3.11.3, Cycles (5X) 4 hrs @ 70°C 4 hrs @ 38°C / 95-100% RH 16 hrs @ -29C				
SECTION : 3.12 Shear Adhesion	183 kPa	ASTM D1000	394.8	Pass
3.12.1, Cold Shear, 24 hrs @ -18°C	101 kPa		398.9	Pass
3.12.2, Hot Shear, 24 hrs @ 60°C				
SECTION : 3.13 RH Resistance	No Adhesion Loss		Good, Stable, No Lifting	Pass
3.13.1, 48 hrs @ 38°C / 95-100% RH				
SECTION : 3.14 Heat Resistance	No Blistering or Delamination		No Blisters or Delamination	Pass
3.14.1, 30 mins @ 120°C	No Blistering or Delamination		No Blisters or Delamination	Pass
3.14.2, 7 days @ 102°C				
SECTION: 3.15 Odor	2 Max Rating	SAE J1351*	Not Tested	Not Tested
3.15, Odor, Dry - 1 hr @ 65°C				
SECTION: 3.16 Flammability	100 mm / min	ISO 3795* / SAE J369*	< B 25	Pass
3.16, Initial, Component				

CERTIFIED BY:

David Nichols II, Automotive Lab Technician

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.

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Status opinion based upon measurements obtained by personnel with appropriate training and professional experience.

This laboratory is not accredited for the calibrations or tests marked *.