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TEST REPORT

PRODUCT: **FT 0900X 12 PT BD**
SUPPORT: **FLOCK**
SUBSTRATE: **TPO**
CERT NO.: **221222 - 1126**
FORD ESB M6G17-A
OEM Rev Date: Jul 12
Adhesion Requirements, PSA Antisqueak Flock



NOT FOR NEW DESIGN - NO REPLACMENT

TAPE REQUIREMENTS:

SECTION: 3.5 Fogging, Oil Bath

3.5, Fogging, Oil Bath, 3 hrs @ 100°C, 21°C Cooling, 16 hrs @ RT

Specification
80 Units

FLTM BO 116-3*

Results
100.5

Status
Result

SECTION : 3.6.1 Flock Fiber

As Reported By Supplier

3.6.1, Flock Fiber, Type
3.6.1, Flock Fiber, Size
3.6.1, Flock Fiber, Color
3.6.1, Flock Fiber, Method of Dyeing

Specification
100% Nylon
1.5 - 3.0 Denier
Black
Stock or Solution

Results
100% Nylon
1.5 - 3.0 Denier
Black
Solution

Status
Pass
Pass
Pass
Pass

SECTION : 3.6.2 Flock Adhesive

3.6.2, Statement

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.

Specification

Results
This product meets spec criteria

Status
Pass

SECTION : 3.6.3 Fabric

3.6.3, Composition

Specification
50% Synthetic
Woven or non-woven

Results
This product meets spec criteria
This product meets spec criteria

Status
Pass
Pass

SECTION : 3.6.4 Pressure Sensitive Adhesive

3.6.4, Statement

Specification
Non-Staining, Heat Resistant and Suitable for a Variety of Substrates

Results
This product meets spec criteria

Status
Pass

SECTION : 3.7 Thickness

As Reported By Supplier

3.7, Thickness, Flock

Specification
1.35 - 1.60 mm

SAE J882*

Results
0.81

Status
Reported

SECTION : 3.8 Loose Flock

As Reported By Supplier

3.7, Loose Flock

Specification
0.8 g/m2

FLTM BN 8-8*

Results
0.03

Status
Pass

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

Specification
> 1500 Cycles
> 1000 Cycles
>1500 Cycles

FLTM BN 8-2*

Results
> 1,500
> 1,000
> 1,500

Status
Pass
Pass
Pass

SECTION : 3.10 Scuffing Resistance

As Reported By Supplier

3.1, Scuffing Resistance, 900 g, "A" Head, 2000 Cycles

Specification
No Excessive Lifting Of Flock Fibers Or Adhesive Peeling

FLTM BN 8-4*

Results
The Sample Meets The Standard Requirement

Status
Pass

SECTION : 3.11 Peel Adhesion

3.11.1, Initial, 20 mins @ RT
3.11.2, High Temp, 7 days @ 82°C
3.11.3, Cycles (5X)
4 hrs @ 70°C
4 hrs @ 38°C / 95-100% RH
16 hrs @ -29C

Specification
1.5 N / cm
1.5 N / cm
1.9 N / cm

ASTM D1000

Results
15.8
5.6
14.9

Status
Pass
Pass
Pass

SECTION : 3.12 Shear Adhesion

3.12.1, Cold Shear, 24 hrs @ -18°C
3.12.2, Hot Shear, 24 hrs @ 60°C

Specification
183 kPa
101 kPa

ASTM D1000

Results
512.0
207.6

Status
Pass
Pass

SECTION : 3.13 RH Resistance

3.13.1, 48 hrs @ 38°C / 95-100% RH

Specification
No Adhesion Loss

Results
Good, Stable, No Lifting

Status
Pass

SECTION : 3.14 Heat Resistance

3.14.1, 30 mins @ 120°C
3.14.2, 7 days @ 102°C

Specification
No Blistering or Delamination
No Blistering or Delamination

Results
No Blisters or Delamination
No Blisters or Delamination

Status
Pass
Pass

SECTION: 3.15 Odor

3.15, Odor, Dry - 1 hr @ 65°C

Specification
3 Max Rating

SAE J1351*

Results
No Disagreeable Odor, 2

Status
Pass

SECTION: 3.16 Flammability

3.16, Initial, Component

Specification
100 mm / min

ISO 3795* / SAE J369*

Results
< B 25

Status
Pass

CERTIFIED BY:

Dave Nichols Jr, 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 *.

