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TEST REPORT

PRODUCT: FT 1143
SUPPORT: 5 MIL BLUE UHMWPE
SUBSTRATE: ABS
CERT NO.: 251031 - 1200

FORD ESB M3G123-B
OEM Rev Date: Jan 20
Tape, Polyethylene, Pressure Sensitive, Interior (Antisqueak)



3.3 FILM PROPERTIES

SECTION: 3.3.1 Color

3.3.1 Color

Specification

Tinted

Results

Tinted

Status

Pass

SECTION: 3.3.2 Thickness

3.3.2 Film plus Adhesive

3.3.2 Release Liner

Specification

0.13 mm min

0.08 mm min

Results

0.20

0.11

Status

Pass

Pass

SECTION: 3.3.3 Tensile Strength

ASTM D1000

3.3.3 Tensile Strength,

3.3.3 Elongation at Break

Specification

5.2 N / mm min

200 % min

Results

6.80

375.0

Status

Pass

Pass

SECTION: 3.4 Fogging

FLTM BO 116-03

3.4 Fogging, 3 hrs @ 100°C, 21°C Cooling, 16 hrs @ RT

Specification

60 Units min

Results

99.8

Status

Pass

SECTION: 3.6 Adhesion

ASTM D1000

3.6.1.1, As Received, 48 hrs @ RT

3.6.2.1, Aged, 72 hrs @ 70°C

3.6.2.1, RH Aged, 48 hrs @ 38°C / 95-100% RH

3.6.2.1, Cycles (5x) 4 hrs @ 70°C

4 hrs @ 38°C / 95-100% RH

16 hrs @ -30C

Specification

175 N / m min

274 N / m min

274 N / m min

274 N / m min

Results

957.3

1098.6

1644.0

1083.4

Status

Pass

Pass

Pass

Pass

274 N / m min

SECTION: 3.8 Resistance Properties

3.8.1, RH, 7 days @ 38°C / 95-100% RH

3.8.2, Heat and Cold Resistance (5x)

2 hrs @ 100°C

2 hrs @ -30°C

3.8.3, Heat Resistance, 30 mins @ 120°C

Specification

No Edge Curling,
Delamination,
Yellowing or
Adhesion Loss

Results

No Edge Curling, Delamination, Yellowing or
Adhesion Loss

No Edge Curling, Delamination, Yellowing or
Adhesion Loss

No Edge Curling, Delamination, Yellowing or
Adhesion Loss

Status

Pass

Pass

Pass

3.8.4, Fluorescent Sun Lamp Staining, 240 hrs

Not Tested

Not Tested

SECTION: 3.9 Heat Aging

3.9, 7 days @ 80°C

Specification

No Edge Curl, Stain
or Color Change

Results

No Edge Curl, Stain or Color Change

Status

Pass

SECTION: 3.10 Flammability

ISO 3795/SAE J369)

3.10 Initial, Component

Specification

100 mm / min

Results

19.7

Status

Pass

SECTION: 3.12 Odor*

SAE J1351

3.12 Odor, Dry - 1 hr @ 65°C

Specification

2 Rating max max

Results

Not Tested

Status

Not Tested

SECTION: 3.13 Abrasion Resistance

FLTM BN 108-02

3.13 CS-10, 1000 g Load - 2000 Cycles

Specification

No Wear Through

Results

No Wear Through

Status

Pass

SECTION: 3.14 Scuffing Resistance*

FLTM BN 108-04

3.14 Scuffing Resistance, 900 g Load - 2000 Cycles

Specification

No Cracking or
Peeling

Results

Not Tested

Status

Not Tested

CERTIFIED BY:

David Nichols II, Automotive Lab Technician

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.

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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 *.