TEST REPORT



250 Chester Street Painesville. Ohio 44077

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

888-358-4469 Fax:

email: psa.tape@averydennison.com URL:

tapes.averydennison.com

PRODUCT: FT 1123

SUPPORT: **5 MIL UHMWPE**

SUBSTRATE: **TPO**

221216 - 0950 CERT NO .:

GMW 16879 Type I Cycle M

OEM Rev Date: May 18

Performance Requirements of Ultra High Molecular Weight Polyethylene (UHMW PE) Tape

ACCREDITED

TESTING LABORATORY

Status

Pass

Status

Pass

Pass

Pass

Pass

Status

Pass

Status

Pass

Pass

Status

Pass

Pass

Status

Pass

Status

Pass

Results

25.1

Results

1095.1

1122.0

1168.7

1161.1

Results

155 Tear

Results

35.0

31.3 Tear

Results

378.6

335.2

Results

100 1

Results

SE

Page 1 of 1

Type I material is UHMWPE film coated with a permanent acrylic PSA

Specification

Specification

350 N/m

350 N/m

350 N/m

350 N/m

Specification

Specification

15 MPa min

70 MPa max

Specification

150 % min

50 % min

Specification

Specification

60 Units

200 kPa

200 N/m

ISO 8510-2

TAPE REQUIREMENTS:

Table 1 Performance Requirements Liner Removal PROPERTIES:

Liner Removal, Initial @ RT

PROPERTIES:

Peel Adhesion ISO 8510-2 Peel Adhesion, Aged, 72 hrs @ RT

Peel Adhesion, Humidity, 24 hrs @ 38°C / 95% RH

Peel Adhesion, Aged, 168 hrs @ 70°C

Cycles 2X, GMW 14124 Cycle M

23 hrs @ 40°C / 95% RH

1 hr @ RT

24 hrs @ 85°C 1 hr @ RT

4 hrs @ -30°C 1 hr @ RT

PROPERTIES: **Dynamic Shear** Dynamic Shear, Aged, 72 hrs @ RT

PROPERTIES: **Tensile Strength** Tensile Strength, Initial, Maximum Force

Tensile Strength, After 168 hr aging @ 70°C

PROPERTIES: **Elongation** Elongation, Initial, @ Maximum Force

Elongation, After 168 hr aging @ 70°C

PROPERTIES: Fogging

Fogging, 6 hrs @ 85°C, 38°C Cooling, 16 hrs @ RT

PROPERTIES: **Flammability**

Flammability, Initial, Component

CERTIFIED BY:

GMW3232*

GMW3010*

GMW3010*

GMW3235, Method A*

< 100 mm / min

ISSUE DATE:

1-1-24

6-12-2018

Dave Nichols Jr, Automotive Lab Technician

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.