	AVERY DENNISON
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TEST REPORT

PRODUCT: FT 1123 **5 MIL BLACK UHMWPE** SUPPORT: 250 Chester Street SUBSTRATE: ABS ANSI National Accreditation Board Painesville, Ohio 44077 STD CERT NO .: 221216 - 0943 ACCREDITED 866-GO-AVERY (866-462-8379) Phone: TESTING LABORATORY 888-358-4469 GMW 16879 TYPE I CYCLE M Fax: email: psa.tape@averydennison.com OEM Rev Date: May 18 Performance Requirements of Ultra High Molecular Weight Polyethylene (UHMWPE) Tape URL: stus.averydennison.com Type I material is UHMWPE film coated with a permanent acrylic PSA Initial **TAPE REQUIREMENTS: Table 1 Performance Requirements** Liner Removal ISO 8510-2 **Specification** <u>Results</u> **PROPERTIES:** Status Liner Removal, Initial @ RT 200 N/m 19.3 Pass Specification PROPERTIES: **Peel Adhesion** ISO 8510-2 **Results Status** Peel Adhesion, Aged, 72 hrs @ RT 350 N/m 1131.3 Pass Peel Adhesion, Humidity, 24 hrs @ 38°C / 95% RH 350 N/m 1087.5 Pass Peel Adhesion, Aged, 168 hrs @ 70°C 350 N/m 1147.1 Pass

350 N/m

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		Specification 200 kPa	<u>Results</u> 216.3	Mode CSP	<u>Status</u> Pass
PROPERTIES: Tear Resistance Tear Resistance, Initial, Room Temp		Specification 2 kg	<u>Results</u> 5.8		<u>Status</u> Pass
PROPERTIES: Tensile Strength Tensile Strength, Initial, Maximum Force	GMW3010*	<u>Specification</u> 15 MPa min	<u>Results</u> 24.6	<u>Mode</u> TEAR	<u>Status</u> Pass
Tensile Strength, After 168 hr aging @ 70°C		50 MPa max	29.0	TEAR	Pass
PROPERTIES: Elongation Elongation, Initial, @ Maximum Force	GMW3010*	Specification 150 % min	<u>Results</u> 268.6		<u>Status</u> Pass
Elongation, After 168 hr aging @ 70°C		50 % min	314.3		Pass
PROPERTIES: Fogging Fogging, 6 hrs @ 85°C, 38°C Cooling, 16 hrs @	GMW3235, Method A*	Specification 60 Units	<u>Results</u> 100.7		<u>Status</u> Pass
PROPERTIES: Flammability Flammability, Initial, Component	GMW3232*	Specification < 100 mm / min	<u>Results</u> < B 25		<u>Status</u> Pass

CERTIFIED BY:

Dave Nichols Jr, Automotive Lab Technician

ISSUE DATE:

1-1-24

701.1

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

Avery Dennison Performance Tapes 250 Chester St. Painesville, Ohio 44077

Page 1 of 1 Original Test Date: 10-28-2019



Pass