

250 Chester Street

Painesville, Ohio 44077

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

888-358-4469 Fax:

email: psa.tape@averydennison.com URL:

tapes.averydennison.com

TEST REPORT

PRODUCT: FT 1126 SUPPORT: **LDPE** SUBSTRATE: **ACETAL** STD CERT NO .: 221216 - 0950

GMW 16879 TYPE I CYCLE M

OEM Rev Date: May 18

Performance Requirements of Ultra High Molecular Weight Polyethylene (UHMWPE) Tape

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ANSI National Accreditation Board

ACCREDITED

TESTING LABORATORY

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

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TAPE REQUIREMENTS:

Table 1 Performance Requirements

Liner Removal, Initial @ RT	ISO 8510-2	200 N/m	21.6	Pass Pass
PROPERTIES: Peel Adhesion Peel Adhesion, Aged, 72 hrs @ RT	ISO 8510-2	Specification 350 N/m	Results 967.9	Status Pass
Peel Adhesion, Humidity, 24 hrs @ 38°C /	95% RH	350 N/m	937.5	Pass
Peel Adhesion, Aged, 168 hrs @ 70°C		350 N/m	1009.9	Pass
Cycles 2X, GMW 14124 Cycle M		350 N/m	806.2	Pass

24 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	GMW3010*	Specification 200 kPa	Results 241.7	Mode TEAR	Status Pass
PROPERTIES: Tear Resistance Tear Resistance, Initial, Room Temp	ISO 34-1, Method B*	Specification 2 kg	Results Not Testec	<u>Mode</u>	Status Not Tested
PROPERTIES: Tensile Strength Tensile Strength, Initial, Maximum Force	GMW3010*	Specification 15 MPa min	<u>Results</u> 12.2 Tear	Mode TEAR	Status Pass
Tensile Strength, After 168 hr aging @ 70°C		MPa max	9.8 Tear	TEAR	Pass
PROPERTIES: Elongation Elongation, Initial, @ Maximum Force	GMW3010*	Specification 150 % min	<u>Results</u> 442.8		Status Pass
Elongation, After 168 hr aging @ 70°C		50 % min	301.7		Pass
PROPERTIES: Fogging Fogging, 6 hrs @ 85°C, 38°C Cooling, 16 hrs (GMW3235, Method A	Specification 60 Units	Results 100.8		<u>Status</u> Pass
PROPERTIES: Flammability Flammability, Initial, Component	GMW3232*	Specification < 100 mm / min	<u>Results</u> < B	50	Status Pass

CERTIFIED BY:

Dave Nichols Jr, Automotive Lab Technician

ISSUE DATE: 1-1-24

9-28-2016

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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.