	AVERY DENNISON
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TAPE REQUIREMENTS:

250 Chester Street				
Painesville, Ohio 44077				
Phone:	866-GO-AVERY (866-462-8379)			
Fax:	888-358-4469			
email:	psa.tape@averydennison.com			
URL:	tapes.averydennison.com			

TEST REPORT

FT 1123 **5 MIL UHMWPE** SUBSTRATE: PP 221216 - 0950



GMW 16879 Type I Cycle M OEM Rev Date: May 18

PRODUCT:

SUPPORT:

CERT NO .:

Performance Requirements of Ultra High Molecular Weight Polyethylene (UHMW PE) Tape Type I material is UHMWPE film coated with a permanent acrylic PSA Initial

Table 1 Performance Requirements PROPERTIES: Liner Removal Liner Removal, Initial @ RT	ISO 8510-2	Specification 200 N / m	Results 25.1	<u>Status</u> Pass
PROPERTIES: Peel Adhesion Peel Adhesion, Aged, 72 hrs @ RT	ISO 8510-2	Specification 350 N / m	<u>Results</u> 1098.0	<u>Status</u> Pass
Peel Adhesion, Humidity, 24 hrs @ 38°C / 95	5% RH	350 N / m	1103.9	Pass
Peel Adhesion, Aged, 168 hrs @ 70°C		350 N / m	1138.9	Pass
Cycles 2X, GMW 14124 Cycle M 23 hrs @ 40ºC 1 hr @ RT 24 hrs @ 85º(1 hr @ RT		350 N / m	1131.9	Pass

1 hr @ RT 4 hrs @ -30°C 1 hr @ RT

PROPERTIES: Dynamic Shear		Specification	<u>Results</u>	Status
Dynamic Shear, Aged, 72 hrs @ RT		200 kPa	155 Tear	Pass
PROPERTIES: Tensile Strength G	:MW3010*	Specification	Results	<u>Status</u>
Tensile Strength, Initial, Maximum Force		15 MPa min	35.0	Pass
Tensile Strength, After 168 hr aging @ 70°C		70 MPa max	31.3 Tear	Pass
PROPERTIES: Elongation G	MW3010*	Specification	<u>Results</u>	<u>Status</u>
Elongation, Initial, @ Maximum Force		150 % min	378.6	Pass
Elongation, After 168 hr aging @ 70°C		50 % min	335.2	Pass
	SMW3235, Method A*	Specification	Results	<u>Status</u>
	RT	60 Units	100.1	Pass
PROPERTIES: Flammability G	SMW3232*	Specification	<u>Results</u>	<u>Status</u>

Flammability, Initial, Component

CERTIFIED BY:

Dave Nichols Jr, Automotive Lab Technician

ISSUE DATE:

1-1-24

< B 25

Pass

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.

< 100 mm / min

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

Avery Dennison Performance Tapes 250 Chester St. Painesville, Ohio 44077 Original Test Date:

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