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TEST REPORT

PRODUCT: FT 1123
SUPPORT: 5 MIL BLACK UHMWPE
SUBSTRATE: PAINTED METAL
STD CERT NO.: 221216 - 0943



GMW 16879 TYPE I CYCLE M

OEM Rev Date: May 18

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

TAPE REQUIREMENTS:

Table 1 Performance Requirements

PROPERTIES: Liner Removal Liner Removal, Initial @ RT	ISO 8510-2	<u>Specification</u> 200 N / m	<u>Results</u> 19.3	<u>Status</u> Pass
PROPERTIES: Peel Adhesion Peel Adhesion, Aged, 72 hrs @ RT	ISO 8510-2	<u>Specification</u> 350 N / m	<u>Results</u> 1154.1	<u>Status</u> Pass
Peel Adhesion, Humidity, 24 hrs @ 38°C / 95% RH		350 N / m	1066.5	Pass
Peel Adhesion, Aged, 168 hrs @ 70°C		350 N / m	1186.2	Pass
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		350 N / m	1019.8	Pass
PROPERTIES: Dynamic Shear Dynamic Shear, Aged, 72 hrs @ RT		<u>Specification</u> 200 kPa	<u>Results</u> 205.9	<u>Mode</u> CSP <u>Status</u> Pass
PROPERTIES: Tear Resistance Tear Resistance, Initial, Room Temp		<u>Specification</u> 2 kg	<u>Results</u> 5.8	<u>Mode</u> TEAR <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	Pass
PROPERTIES: Elongation Elongation, Initial, @ Maximum Force	GMW3010*	<u>Specification</u> 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 @ RT	GMW3235, Method A*	<u>Specification</u> 60 Units	<u>Results</u> 100.7	<u>Status</u> Pass
PROPERTIES: Flammability Flammability, Initial, Component	GMW3232*	<u>Specification</u> < 100 mm / min	<u>Results</u> EBRZT	<u>Status</u> Pass

CERTIFIED BY:

Dave Nichols Jr, 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.

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 *.