TEST REPORT



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PRODUCT: **SA 1123** SUPPORT: 5 MIL UHMWPE

SUBSTRATE: ABS

STD CERT NO.: 241112 - 0927

GMW 16879 TYPE I CYCLE M

OEM Rev Date: May 18

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

350 N/m

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

Initial

ТΔ	PF	RF	OHI	REM	IFN.	rs.

Table 1 Performance Requirements

PROPERTIES: **Liner Removal** ISO 8510-2 **Specification** Results **Status** Liner Removal, Initial @ RT 200 N/m 0.5 **Pass** PROPERTIES: **Peel Adhesion** ISO 8510-2 **Specification** Results **Status** Peel Adhesion, Aged, 72 hrs @ RT 350 N/m 908.9 **Pass** Peel Adhesion, Humidity, 24 hrs @ 38°C / 95% RH 350 N/m 792.9 **Pass** Peel Adhesion, Aged, 168 hrs @ 70°C 350 N/m 637.5 **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

PROPERTIES: Dynamic Shear, A	Dynamic Shear ged, 72 hrs @ RT	GMW3010*	Specification 200 kPa	Results 371.3	Mode SP	Status Pass
PROPERTIES: Tear Resistance,	Tear Resistance	ISO 34-1, Method B*	Specification 2 kg	Results 3.9	Mode TEAR	Status Pass
PROPERTIES: Tensile Strength, I	Tensile Strength Initial, Maximum Force	GMW3010*	Specification 15 MPa min	Results 38.8	Mode TEAR	Status Pass
Tensile Strength,	After 168 hr aging @ 70°C		8 MPa max	38.5	TEAR	Pass
PROPERTIES: Elongation, Initial,	Elongation @ Maximum Force	GMW3010*	Specification 150 % min	Results 603.1		Status Pass
Elongation, After 1	68 hr aging @ 70°C		50 % min	599.1		Pass
PROPERTIES: Initial	Coefficient of Kinetic Friction*	ISO 8295	Specification ≤ 0.25 N/m	Results Not Tested		<u>Status</u> Not Tested
PROPERTIES: Fogging, 6 hrs @	Fogging 85°C, 38°C Cooling, 16 hrs ©	GMW3235, Method A	Specification 60 Units	<u>Results</u> 100.0		Status Pass

CERTIFIED BY:

PROPERTIES:

Flammability, Initial, Component

David Nichols II, Automotive Lab Technician

Flammability

SSUE DATE: <u>1-1-24</u>

Specification

< 100 mm/min

GMW3232*

Results

< B 25

683.9

ACCREDITED

TESTING LABORATORY

Pass

Status

Pass