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TEST REPORT

PRODUCT: UHMW 527UV PET
SUPPORT: POLYETHYLENE
SUBSTRATE: ABS
STD CERT NO.: 250521 - 0602



GMW 16875 TYPE IA-CYCLE-D

OEM Rev Date: Oct 18

Performance Requirements of Anti-Squeak, Itch, Rattle Fiber Tape

Type IA material is a flocked fabric or felt tape coated with a permanent acrylic PSA not exposed to UV Initial

TAPE REQUIREMENTS:

SECTION: Liner Removal Initial RT	ISO 8510-2	<u>Specification</u> 900 N / m	<u>Results</u> 5.4	<u>Status</u> Pass
SECTION: Peel Adhesion Aged, 72 hrs @ RT	ISO 8510-2	<u>Specification</u> 350 N / m	<u>Results</u> 1241.4	<u>Status</u> Pass
Humidity, 24 hrs @ 38°C / 95% RH		350 N / m	1648.8	Pass
Aged, 168 hrs @ 70°C		350 N / m	1516.5	Pass
GMW 14124 CYCLE D		350 N / m	1457.8	Pass
24 hrs @ 38°C / 100% RH				
4 hrs @ 85°C				
3 hrs @ RT				
17 hrs @ 85°C				
168 hrs @ 70°C				
4 hrs @ -30C				
100 hrs @ 70°C				
SECTION: Shear Strength, MD 4 hrs @ -18°C	ASTM D1000	<u>Specification</u> 7500 N / m	<u>Results</u> 5183.3	<u>Status</u> Fail
24 hrs @ 60°C		3500 N / m	3661.3	Pass
SECTION: Taber Abrasion* 500 Cycles CS-10,1 kg Load	GMW3208	<u>Specification</u> No Wear Thru to Fabric Backing	<u>Results</u> Not Tested	<u>Status</u> Not Tested
SECTION: Flammability Initial, Component	GMW3232	<u>Specification</u> 100 mm / min	<u>Results</u> < B 50	<u>Status</u> Pass
SECTION: Xenon Weatherometer* Not Applicable	GMW14162	<u>Specification</u> No Degradation, Stiffening, Bleaching or Objectionable Color	<u>Results</u> Not Applicable	<u>Status</u> NA
SECTION: Odor* Wet Condition, Coding A - 24 hrs @ 70°C, Deionized Water Dry Condition, Coding B - 24 hrs @ 70°C High Temp Condition - 24 hrs @ 105°C	GMW3205	<u>Specification</u> 6 Min Rating	<u>Results</u> Not Tested Not Tested Not Tested	<u>Status</u> Not Tested Not Tested Not Tested
SECTION: VOC* Per GMW 16853	GMW15634	<u>Specification</u> 6 mg	<u>Results</u> Not Tested	<u>Status</u> NA
SECTION: Gravimetric Fogging 18 hrs @ 100°C, 21°C Cooling, 24 hr RT Desiccant	GMW3235 Method B	<u>Specification</u> < 2 mg	<u>Results</u> 0.7	<u>Status</u> Pass

CERTIFIED BY:

David Nichols II, 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.

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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 *.