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TEST REPORT

PRODUCT: UHMW 527
SUPPORT: POLYETHYLENE
SUBSTRATE: ABS
STD CERT NO.: 240717 - 0755



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:	ISO	Specification	Results	Status
SECTION: Liner Removal Initial RT	ISO 8510-2	900 N / m	5.7	Pass
SECTION: Peel Adhesion Aged, 72 hrs @ RT	ISO 8510-2	350 N / m	1050.9	Pass
Humidity, 24 hrs @ 38°C / 95% RH		350 N / m	1309.6	Pass
Aged, 168 hrs @ 70°C		350 N / m	1608.2	Pass
GMW 14124 CYCLE D 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		350 N / m	1600.5	Pass
SECTION: Shear Strength, MD 4 hrs @ -18°C	ASTM D1000	7500 N / m	4250.8	Fail
24 hrs @ 60°C		3500 N / m	3767.5	Pass
SECTION: Taber Abrasion* 500 Cycles CS-10,1 kg Load	GMW3208	No Wear Thru to Fabric Backing	Not Tested	Not Tested
SECTION: Flammability Initial, Component	GMW3232	100 mm / min	< B 25	Pass
SECTION: Xenon Weatherometer* Not Applicable	GMW14162	No Degradation, Stiffening, Bleaching or Objectionable Color	Not Applicable	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	6 Min Rating	Not Tested Not Tested Not Tested	Not Tested Not Tested Not Tested
SECTION: VOC* Per GMW 16853	GMW15634	6 mg	Not Tested	NA
SECTION: Gravimetric Fogging 18 hrs @ 100°C, 21°C Cooling, 24 hr RT Desiccant	GMW3235 Method B	< 2 mg	0.1	Pass

CERTIFIED BY:

David Nichols II, Automotive Lab Technician

ISSUE DATE:

1-1-24

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 *.