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TEST REPORT

PRODUCT: A5709A
SUPPORT: 2 MIL PET
SUBSTRATE: PP
CERT NO.: 230109 - 1111



TOYOTA TSK 6712G -OT
OEM Rev Date: Sep 05
Toyota Engineering Standard - Sealing Foams for Interior Trim

Tested in accordance with JDC protocols and provided as product information only. Actual product and application substrates would need to be tested for OEM certification.

TAPE REQUIREMENTS:

SECTION:	ASTM	Specification	Results	Mode	Status
6.3 Adhesive Peel Strength	ASTM D3330	5 N / 25 mm	8.6		Pass
6.3.2, Initial, 10 mins @ RT					
6.3.2, Normal 24 hrs @ RT		5 N / 25 mm	5.6		Pass
6.3 Adhesive Shear Strength	ASTM D1002	100 kPa	283.0	CSP	Pass
6.3.3, Initial, 10 mins @ RT					
6.3.3, Normal 24 hrs @ RT		100 kPa	386.2	CSP	Pass
6.3 Adhesive Durability, Peel Strength	ASTM D3330	5 N / 25 mm	5.1		Pass
6.3.4, Heat Aging, 240 hrs @ 80°C					
6.3.5, Humidity Aging, 240 hrs @ 50°C / 95% RH		5 N / 25 mm	11.3		Pass
6.3.6, Thermal Cycling 3X		5 N / 25 mm	9.7		Pass
15.5 hrs @ 80°C					
0.5 hrs @ RT					
7.5 hrs @ -30°C					
0.5 hrs @ RT					
15.5 hrs @ 50°C / 95% RH					
0.5 hrs @ RT					
7.5 hrs @ -30°C					
0.5 hrs @ RT					
6.3.7, High Temp Bonding, 30 mins @ 80°C		3 N / 25 mm	11.5		Pass
6.3.8 Creep		< 5 mm	3.0		Pass
6.3.8.1, Peel Creep Test @ 90°, 24 hrs @ 80°C and .2 N (20 g) load					
6.3.8.2, Shear Creep Test 180° 24 hrs @ 80°C and .5 N (50 g) load		> 1440 mins	> 1440		Pass
6.4 Smell	TSM 0505G	> 1.5 Rating			Pass
6.4, Initial Smell, 1 hr @ 80°C, 30 mins @ RT				Rather Pleasant 1	
6.4, After Aging Smell, 96 hrs @ 80°C, 30 mins @ RT, 1 hr @ 80°C, 30 mins @ RT				Neither Pleasant nor Unpleasant - 0	Pass

CERTIFIED BY:
Dave Nichols Jr, 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 *.
Avery Dennison Performance Tapes 250 Chester St. Painesville, Ohio 44077 Original Test Date: 10-25-2021 Page 1 of 1