

888-358-4469

866-GO-AVERY (866-462-8379)

psa.tape@averydennison.com

tapes.averydennison.com

250 Chester Street

Phone:

Fax:

email: URL:

Painesville, Ohio 44077

## **TEST REPORT**

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

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: 6.3 Adhesive Peel Strength	ASTM D3330	Specification	Results	<u>Status</u>
6.3.2, Initial, 10 mins @ RT		5 N / 25 mm	8.6	Pass
6.3.2, Normal 24 hrs @ RT		5 N / 25 mm	5.6	Pass
SECTION: 6.3 Adhesive Shear Strength	ASTM D1002	Specification	Results Mode	Status
6.3.3, Initial, 10 mins @ RT		100 kPa	283.0 CSP	Pass
6.3.3, Normal 24 hrs @ RT		100 kPa	386.2 CSP	Pass
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SECTION: 6.3 Adhesive Durability, Peel Strengt	h ASTM D3330	Specification	Results	Status
6.3.4, Heat Aging, 240 hrs @ 80°C	ASTM D3330	5 N / 25 mm	5.1	<u>Status</u> Pass
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°(	0			
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
SECTION: 6.3.8 Creep		Specification	Results	Status
6.3.8.1, Peel Creep Test @ 90°, 24 hrs @ 80°C and .2 N (20 g) load		< 5 mm	3.0	Pass
6.3.8.2, Shear Creep Test 180º 24 hrs @ 80ºC and .5 N (50 g) load		> 1440 mins	> 1440	Pass
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SECTION: 6.4 Smell	TSM 0505G	Specification	Evaluation	Status
6.4, Initial Smell, 1 hr @ 80°C, 30 mins @ RT		> 1.5 Rating	Rather Pleasant 1	Pass
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
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Dave Nichols Jr, Automotive Lab Technician

CERTIFIED BY:

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 \*.

Avery Dennison Performance Tapes 250 Chester St. Painesville, Ohio 44077 Original Test Date: 10-25-2021 Page 1 of 1