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CERTIFIED BY:

TEST REPORT

PRODUCT: A501A SUPPORT: 2 MIL PET SUBSTRATE: SS 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 6.3.2, Initial, 10 mins @ RT | ASTM D3330 | Specification 7 N / 25 mm | Results 16.7 | <u>Status</u> Pass |
| 6.3.2, Normal 24 hrs @ RT | | 7 N / 25 mm | 15.5 | Pass |
| SECTION: 6.3 Adhesive Shear Strength 6.3.3, Initial, 10 mins @ RT | ASTM D1002 | Specification 100 kPa | ResultsMode281.4CSP | <u>Status</u> Pass |
| 6.3.3, Normal 24 hrs @ RT | | 100 kPa | 286.6 CSP | Pass |
| SECTION: 6.3 Adhesive Durability, Peel Streng 6.3.4, Heat Aging, 240 hrs @ 80°C | <mark>jth</mark> ASTM D3330 | Specification 7 N / 25 mm | Results 44.3 | <u>Status</u> Pass |
| 6.3.5, Humidity Aging, 240 hrs @ 50°C / 95% RH | | 7 N / 25 mm | 10.2 | Pass |
| 6.3.6, Thermal Cycling 3X 15.5 hrs @ 80 0.5 hrs @ RT 7.5 hrs @ 30 0.5 hrs @ 87 15.5 hrs @ 50 0.5 hrs @ RT 7.5 hrs @ 30 0.5 hrs @ RT | PC PC / 95% RH PC | 7 N / 25 mm | 29.2 | Pass |
| 6.3.7, High Temp Bonding, 30 mins @ 80°C | | 7 N / 25 mm | 7.2 | Pass |
| SECTION: 6.3.8 Creep 6.3.8.1, Peel Creep Test @ 90°, 24 hrs @ 80°C and .2 N (20 g) load | | Specification < 5 mm | Results 2.5 | <u>Status</u> Pass |
| 6.3.8.2, Shear Creep Test 180° 24 hrs @ 80°C and .5 N (50 g) load | | > 1440 mins | > 1440 | Pass |
| SECTION: 6.4 Smell 6.4, Initial Smell, 1 hr @ 80°C, 30 mins @ RT | TSM 0505G | Specification > 1.5 Rating | <u>Evaluation</u> Neither Pleasant nor Unpleasant - 0 | <u>Status</u> Pass |
| | | | | _ |

6.4, After Aging Smell, 96 hrs @ 80°C, 30 mins @ RT, 1 hr @ 80°C, 30 mins @ RT

Dave Nichols Jr, Automotive Lab Technician

ISSUE DATE:

1-1-25

Neither Pleasant nor Unpleasant - 0

Pass

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: 11-29-2021 Page 1 of 1