TEST REPORT



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PRODUCT: **HPA 9353** SUPPORT: **PEU FOAM**

SUBSTRATE:

221222 - 0734 CERT NO.:



TOYOTA TSK 6712G -1A-30-N-HT

OEM Rev Date: Sep 05

Toyota Engineering Standard - Sealing Foams for Interior Trim

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SECTION: 6.2.1 Flammability 6.2.1, Initial, Component	FMVSS 302	Specification < 10 cm / min	<u>Results</u> EBRZT	Status Pass
SECTION: 6.3 Adhesive Peel Strength 6.3.2, Initial, 10 mins @ RT	ASTM D3330	Specification 7 N / 25 mm	Results 10.2	Status Pass
6.3.2, Normal 24 hrs @ RT		7 N / 25 mm	9.5	Pass
SECTION: 6.3 Adhesive Shear Strength 6.3.3, Initial, 10 mins @ RT	ASTM D1002	Specification 100 kPa	<u>Results</u> 97.2 Tear	Status Pass
6.3.3, Normal 24 hrs @ RT		100 kPa	93.6 Tear	Pass
SECTION: 6.3 Adhesive Durability, Peel Strength 6.3.4, Heat Aging, 240 hrs @ 80°C	ASTM D3330	Specification 7.0 N / 25 mm	Results 14.2	Status Pass
6.3.5, Humidity Aging, 240 hrs @ 50°C / 95% RH		7.0 N / 25 mm	12.4	Pass
6.3.6, Thermal Cycling 3X 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		7.0 N / 25 mm	14.3	Pass

6.3.7, High Temp Bonding, 30 mins @ 80°C

9.1 3.0 N / 25 mm

Pass

Status

Pass

SECTION: 6.3.8 Creep

6.3.8.1, Peel Creep Test, 24 hrs @ 80°C and 20 gram load

> 1440 mins

Specification

< 5 mm

Pass

6.3.8.2, Shear Creep Test 24 hrs @ 80°C and 50 gram load

> 2,000

SECTION: 6.4 **Smell**

6.4, 1 hr @ 80°C, 30 mins @ RT

Specification > 1.5 - < 4 Rating

Evaluation Neither Pleasant nor Unpleasant - 0

Results

2.5

Status Pass

CERTIFIED BY:

Dave Nichols Jr, 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. 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.

ASTM D4332

TSM 0505G

8-19-2013