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TEST REPORT

PRODUCT: FT 8392 12 PT BD SUPPORT: PEU FOAM

SUPPORT: PEU

SUBSTRATE: SS

CERT NO.: 221222 - 0734

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

OEM Rev Date: Sep 05

Toyota Engineering Standard - Sealing Foams for Interior Trim



TAPE REQUIREMEN - TS:

6.2.1, , Initial, Component	FMVSS 302	Specification 10	<u>Results</u> EBRZT	Status Pass
SECTION: 6.3 Adhesive Peel Strength 6.3.2.1, Adhesive Peel Strength, Initial, 10 mins @ RT	ASTM D3330	Specification 7 N / 25 mm	Results 14.7	<u>Status</u> Pass
6.3.2.2, Adhesive Peel Strength, Normal 24 hrs @ RT		7 N / 25 mm	16.1	Pass
SECTION: 6.3 Adhesive Shear Strength 6.3.3.1, Adhesive Shear Strength, Initial, 10 mins @ RT	ASTM D1002	Specification 100 kPa	<u>Results</u> 125.9	<u>Status</u> Pass
6.3.3.2, Adhesive Shear Strength, Normal 24 hrs @ RT		100 kPa	119.6	Pass
SECTION: 6.3 Adhesive Durability, Peel Strength 6.3.4, Adhesive Durability, Peel Strength, Heat Aging, 240 hrs @ 80°C	ASTM D3330	Specification 7.0 N / 25 mm	Results 26.4	Status Pass
6.3.5, Adhesive Durability, Peel Strength, Humidity Aging, 240 hrs @ 50	°C / 95% RH	7.0 N / 25 mm	23.7	Pass
6.3.6, Adhesive Durability, Peel Strength, 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	24.5	Pass
6.3.7, Adhesive Durability, Peel Strength, High Temp Bonding, 30 mins	@ 80°C	3.0 N / 25 mm	10.4	Pass

CERTIFIED BY:

Dave Nichols Jr, Automotive Lab Technician

 $Materials \ tested \ to \ OEM \ requirements \ @ \ 72^{\circ}F \ +/- \ 2^{\circ}F \ and \ 50\% \ RH \ +/- \ 5\%. \ Test \ uncertainty \ and \ minor \ exclusions \ are \ available \ online \ or \ upon \ request.$

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Status opinion based upon measurements obtained by personnel with appropriate training and professional experience.

Original Test Date: 2-1-2010 Page 1 of 1