



TEST REPORT

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PRODUCT: BNW 1028LV
SUPPORT: 2MIL PET-FELT
SUBSTRATE: SS-COATED SS
CERT NO.: 241014 - 0546



TOYOTA TSK 5702GCLASS-1
OEM Rev Date: Oct 05
Double Coated Adhesive Tapes for Interior Trim Materials
Class 1 for adhesion of foams such as polyethylene foam

TAPE REQUIREMENTS:

Table with 5 columns: SECTION, Substrate, Specification, Results, Status. Row 1: SECTION: 5.2 Thickness*, Substrate: -, Specification: > 0.14 < 0.2 mm, Results: 0.13, Status: Reported. Row 2: 5.2, Thickness, PET, Substrate: -, Specification: > 0.14 < 0.2 mm, Results: 0.89, Status: Reported.

Table with 5 columns: SECTION, Substrate, Specification, Results, Status. Row 1: SECTION: 5.3 Peel Strength, ASTM D3330, Substrate: SS, Specification: 10 N / 25 mm, Results: 23.9, Status: Pass. Row 2: 5.3.2, Peel Strength, At High Temp, 30 min @ 70°C, No Recovery, Substrate: SS, Specification: 5 N / 25 mm, Results: 26.7, Status: Pass. Row 3: 5.3.3, Peel Strength, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT, Substrate: SS, Specification: 15 N / 25 mm, Results: 46.7, Status: Pass. Row 4: 5.3.4, Peel Strength, At Humidity, 96 hrs @ 50°C / 95% RH, No Recovery, Substrate: SS, Specification: 10 N / 25 mm, Results: 43.0, Status: Pass.

Table with 5 columns: SECTION, Substrate, Specification, Results, Status. Row 1: SECTION: 5.3 Shear Strength, ASTM D1002, Substrate: SS, Specification: 150 kPa, Results: 339.9, Status: T Pass. Row 2: 5.3.2, Shear Strength, At High Temp, 30 min @ 70°C, No Recovery, Substrate: SS, Specification: 40 kPa, Results: 287.5, Status: Pass. Row 3: 5.3.3, Shear Strength, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT, Substrate: SS, Specification: 350 kPa, Results: 379.1, Status: T Pass. Row 4: 5.3.4, Shear Strength, At Humidity, 96 hrs @ 50°C / 95% RH, No Recovery, Substrate: SS, Specification: 200 kPa, Results: 310.9, Status: Pass.

Table with 5 columns: SECTION, Substrate, Specification, Results, Status. Row 1: SECTION: 5.3.5 Holding Power, ASTM D3654, Substrate: SS, Specification: > 120 mins, Results: 178.0, Status: Pass.

Table with 5 columns: SECTION, Substrate, Specification, Results, Status. Row 1: SECTION: 5.4 Peel Strength, ASTM D3330, Substrate: Toyota Coated SS, Specification: 5 N / 25 mm, Results: 10.9, Status: Pass. Row 2: 5.4.2, Peel Strength, Initial, 10 min dwell, Substrate: Toyota Coated SS, Specification: 5 N / 25 mm, Results: 15.8, Status: Pass. Row 3: 5.4.3, Peel Strength, 48 hrs @ Room Temp, Substrate: Toyota Coated SS, Specification: 2 N / 25 mm, Results: 20.8, Status: Pass. Row 4: 5.4.4, Peel Strength, At High Temp, 30 min @ 70°C, No Recovery, Substrate: Toyota Coated SS, Specification: 5 N / 25 mm, Results: 40.9, Status: Pass. Row 5: 5.4.5, Peel Strength, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT, Substrate: Toyota Coated SS, Specification: 5 N / 25 mm, Results: 53.1, Status: Pass. Row 6: 5.4.6, Peel Strength, At Humidity, 96 hrs @ 50°C / 95% RH, No Recovery, Substrate: Toyota Coated SS, Specification: 5 N / 25 mm, Results: 53.1, Status: Pass.

Table with 5 columns: SECTION, Substrate, Specification, Results, Status. Row 1: SECTION: 5.4 Shear Strength, ASTM D1002, Substrate: Toyota Coated SS, Specification: 90 kPa, Results: 209.6, Status: T Pass. Row 2: 5.4.2, Shear Strength, Initial, 10 min dwell, Substrate: Toyota Coated SS, Specification: 90 kPa, Results: 255.4, Status: T Pass. Row 3: 5.4.3, Shear Strength, 48 hrs @ Room Temp, Substrate: Toyota Coated SS, Specification: 40 kPa, Results: 222.2, Status: T Pass. Row 4: 5.4.4, Shear Strength, At High Temp, 30 min @ 70°C, No Recovery, Substrate: Toyota Coated SS, Specification: 90 kPa, Results: 245.4, Status: T Pass. Row 5: 5.4.5, Shear Strength, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT, Substrate: Toyota Coated SS, Specification: 90 kPa, Results: 235.0, Status: T Pass. Row 6: 5.4.6, Shear Strength, After Humidity, 96 hrs @ 50°C / 95% RH, No Recovery, Substrate: Toyota Coated SS, Specification: 90 kPa, Results: 235.0, Status: T Pass.

Table with 5 columns: SECTION, Substrate, Specification, Results, Status. Row 1: SECTION: 5.5 Creep Shear, ASTM D3654, Substrate: Toyota Coated SS, Specification: < 2 mm slip, Results: No Slip, Status: Pass. Row 2: 5.5.1, Shear, Before Heat Aging, 30 mins @ 70°C, 100 hrs @ 70°C under 0.3 N Load, Substrate: Toyota Coated SS, Specification: < 2 mm slip, Results: No Slip, Status: Pass. Row 3: 5.5.1, Shear, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT, 30 mins @ 70°C, 100 hrs @ 70°C under 0.3 N Load, Substrate: Toyota Coated SS, Specification: < 2 mm slip, Results: No Slip, Status: Pass.

Table with 5 columns: SECTION, Substrate, Specification, Results, Status. Row 1: SECTION: 5.5 Creep Peel, ASTM D3654, Substrate: Toyota Coated SS, Specification: < 3 mm slip, Results: 1.0, Status: Pass. Row 2: 5.5.2, Creep, Before Heat Aging, 30 mins @ 70°C, 100 hrs @ 70°C under 0.3 N Load, Substrate: Toyota Coated SS, Specification: < 3 mm slip, Results: 1.0, Status: Pass. Row 3: 5.5.2, Creep, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT, 30 mins @ 70°C, 100 hrs @ 70°C under 0.3 N Load, Substrate: Toyota Coated SS, Specification: < 3 mm slip, Results: No Slip, Status: Pass.

CERTIFIED BY: [Signature]
David Nichols II, 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.

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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 *.