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TEST REPORT

PRODUCT: FT 8270
SUPPORT: 1 MIL PE
SUBSTRATE: NDCT 5002C
CERT NO.: 221221 - 1440

NISSAN M 8506 Class 1

OEM Rev Date: Nov 08

Adhesive Requirements for Double Coated Tapes in Adhering Interior and Exterior Parts
DAT-10 Interior Roof Insulator, Head lining, etc.



General Properties

TEST: Storage Stability	Specification	Results	Status
5.8 Peel Strength - 168 hrs @ 40°C	4.9 N / 25 mm	16.9	Pass
5.8 Shear Strength - 168 hrs @ 40°C	96 kPa	176.3	Pass

TEST: Re-Adhesion	Specification	Results	Status
5.9 Peel Strength - Primary, 30 sec @ 23°C	AF MF CF N / 25 mm	AF 13.3	Pass
5.9 Peel Strength - Re-Adhesion, 24 hrs @ 23°C	> 60% of 13.3 N / 25 mm	11.5	Pass
5.9 Peel Strength - Secondary, 10 hrs @ 23°C	> 60% of 13.3 N / 25 mm	14.1	Pass

TEST: Adhesion Strength After Affixing	Specification	Results	Status
5.11 Peel Strength - Initial, 30 Seconds @ 5°C	2.9 N / 25 mm	15.6	Pass
5.11 Peel Strength - Initial, 30 Seconds @ 23°C	Reported N / 25 mm	13.4	Reported

TEST: Room Temp Adhesion Performance	Specification	Results	Status
5.12 Peel Strength - 24 hrs @ 23°C	4.9 N / 25 mm	21.5	Pass
5.12 Shear Strength - 24 hrs @ 23°C	98 kPa	166.9	Pass
5.12 Shear Holding - 0.2 kg @ 23°C	Reported hrs	166.7	Reported

TEST: High Temp Adhesion Performance	Specification	Results	Status
5.13 Peel Strength - 1.5 hrs @ 90°C, No Recovery	1.47 N / 25 mm	7.1	Pass
5.13 Shear Strength - 1.5 hrs 90°C, No Recovery	1.47 kPa	73.8	Pass
5.13 Shear Holding - 0.1 kg @ 90°C	Reported hrs	127.1	Reported

TEST: Endurance Capability	Specification	Results	Status
5.17 Heat Aging, Peel Strength - 168 hrs @ 90°C	> 90% of 21.5 N / 25 mm	27.8	Pass
5.18 Humidity Aging, Peel Strength - 168 hrs @ 50°C / 95% RH	> 60% of 21.5 N / 25 mm	15.9	Pass
5.17 Heat Aging, Shear Strength - 168 hrs @ 90°C	> 60% of 166.9 kPa	440.1	Pass
5.18 Humidity Aging, Shear Strength - 168 hrs @ 50°C / 95% RH	> 60% of 166.9 kPa	136.3	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.

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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 *.