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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:	Specification	Results	Status
Storage Stability			
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
Re-Adhesion			
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
Adhesion Strength After Affixing			
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
Room Temp Adhesion Performance			
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
High Temp Adhesion Performance			
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
Endurance Capability			
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: 1-1-24

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

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 *.