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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

5.8 Peel Strength - 168 hrs @ 40°C

Specification

4.9 N / 25 mm

Results

16.9

Status

Pass

5.8 Shear Strength - 168 hrs @ 40°C

96 kPa

176.3

Pass

TEST: Re-Adhesion

5.9 Peel Strength - Primary, 30 sec @ 23°C

Specification

AF MF CF N / 25 mm

Results

AF 13.3

Status

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

5.11 Peel Strength - Initial, 30 Seconds @ 5°C

Specification

2.9 N / 25 mm

Results

15.6

Status

Pass

5.11 Peel Strength - Initial, 30 Seconds @ 23°C

Reported N / 25 mm

13.4

Reported

TEST: Room Temp Adhesion Performance

5.12 Peel Strength - 24 hrs @ 23°C

Specification

4.9 N / 25 mm

Results

21.5

Status

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

5.13 Peel Strength - 1.5 hrs @ 90°C, No Recovery

Specification

1.47 N / 25 mm

Results

7.1

Status

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

5.17 Heat Aging, Peel Strength - 168 hrs @ 90°C

Specification

> 90% of 21.5 N / 25 mm

Results

27.8

Status

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.

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 *.