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TEST REPORT

PRODUCT: FT 8392 12 PT BD
SUPPORT: PEU FOAM
SUBSTRATE: 40% MICA PP
CERT NO.: 230103 - 1012

DELPHI SD2-324

OEM Rev Date: May 08
Pressure Sensitive Adhesives for HVAC Sealing Applications
Classification Requirements
4.3 Permanent Bond Adhesive



TAPE REQUIREMENTS:

SECTION: 3.3 Service Temperature

3.3.1, Permanent Bond, 96 hrs @ -40°C

Specification

No Adhesion Loss or Separation

Results

Good, Stable, No Lifting

Status

Pass

3.3.1, High Temp Permanent Bond, 96 hrs @ 121°C

Specification

No Adhesion Loss or Separation

Results

Good, Stable, No Lifting

Status

Pass

SECTION: 3.4 Humidity

3.4, Humidity, 50 hrs @ 38°C / 95% RH

Specification

No Adhesion Loss, Discoloration or Softening

Results

Stable, No Lifting or Visible Change

Status

Pass

SECTION: 3.5 Objectionable Odor *

3.5, Service Temperature, 1 hr @ 93°C

Specification

2 or Less Rating

Results

2

Status

Pass

3.5, Service Temperature, 1 hr @ 93°C, 1 hr @ RT

Specification

2 or Less Rating

Results

1

Status

Pass

SECTION: 3.6 Fogging, Oil Bath

3.6, 6 hrs @ 85°C, 21°C Cooling, 16 hrs @ RT

GM 9305P 92

Specification

60 Units

Results

89.7

Status

Pass

SECTION: 3.7 Creep

3.7, Creep, Ambient, 3.5 hrs @ 23°C

Specification

No Slip

Results

No Slip

Status

Pass

SECTION: 4.3 Peel Test

4.3.1.1 (A), Peel Test, As Bonded @ RT

GMW 14124 10

600 N / m

767.5

Status

Pass

4.3.1.1 (B), Peel Test, 72 hrs @ 93°C

350 N / m

1010.3

Status

Pass

4.3.1.1 (C), Peel Test, 24 hrs @ -40°C

350 N / m

1122.4

Status

Pass

4.3.1.1 (D), Peel Test, 48 hrs @ 38°C / 100% RH

350 N / m

1088.5

Status

Pass

4.3.1.1 (E), Peel Test, 800 hrs @ 93°C

350 N / m

736.0

Status

Pass

SECTION: 4.3 Static Shear

4.3.1.2, Static Shear, Ambient, 3.5 hrs @ 23°C

No Slip

Results

No Slip

Status

Pass

SECTION: 4.3 Tensile Elongation *

4.3.1.3, Static Shear, Tensile, PET Only

ASTM D882-10*

1750 N / m

Results

2801.6

Status

Pass

4.3.1.3, Static Shear, Elongation, PET Only

60 %

123.3

Status

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 *.