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TEST REPORT

PRODUCT: FBA 1960 12 PT BD

SUPPORT: EPDM FOAM

SUBSTRATE: ABS

CERT NO.: 230103 - 1206

FCA PF-10770

OEM Rev Date: Feb 15

Adhesion - PSA, Cellular and Fibrous Materials

Table 2 Flexible Composites

** FCA 2015 Revision Requirements Are for Steel, Plastic Requirements to be Determined

TAPE REQUIREMENTS:

SECTION: 3.0 Heat Resistance LP-463TB-03-01*

2.2, Heat Resistance, Initial, 2 hrs @ RT

SECTION: 3.0 Heat Resistance LP-463CB-10-01*

2.2, Heat Resistance, 168 hrs @ 79°C

SECTION: 3.0 Heat Resistance LP-463CB-10-01*

2.2, Heat Resistance, 8 hrs @ 93°C"

SECTION: 3.0 Heat Resistance

2.2, Heat Resistance, 24 hrs Water Immersion

SECTION: 3.0 Heat Resistance ASTM D1735

2.2, Heat Resistance, Cycles (5x)

24 hrs @ 79°C 24 hrs @ 38°C / 95% RH

24 hrs @ -29°C

Specification

No Adhesion Loss or Lifting

Specification

No Adhesion Loss or Lifting

Specification

No Adhesion Loss or Lifting

Specification

No Adhesion Loss or Lifting

Specification

No Adhesion Loss or Lifting

Specification

0.9 N/cm

Specification

3.3 N/cm

Specification

3.3 N/cm

Specification

3.3 N/cm

Specification

3.3 N/cm

Results

ACCREDITED

TESTING LABORATORY

Stable, No Lift or Adhesion Loss

Results

Stable, No Lift or Adhesion Loss

Results

Stable, No Lift or Adhesion Loss

Results

Stable, No Lift or Adhesion Loss

Results

Results

5.0

Results

4.9

Results

4.1

Stable, No Lift or Adhesion Loss

Status Pass

Status

Pass

Status

Pass

Status

Pass

Status

Pass

Status

Pass

Status

Pass

Status

Pass

Status

Pass

SECTION: 3.0 Peel Adhesion LP-463TB-03-01*

3.0, Adhesion, Initial, 2 hrs @ RT

SECTION: 3.0 Peel Adhesion LP-463CB-10-01*

3.0, Adhesion, 168 hrs @ 79°C

SECTION: 3.0 Peel Adhesion LP-463CB-10-01*

3.0, Adhesion, 8 hrs @ 93°C

SECTION: 3.0 Peel Adhesion

3.0, Adhesion, 24 hr Water Immersion

SECTION: 3.0 Peel Adhesion ASTM D1735

3.0, Adhesion, Heat Resistance, Cycles (5x)

24 hrs @ 79°C

24 hrs @ 38°C / 95% RH

24 hrs @ -29°C

Results 4.8

<u>Results</u>

5.4

Status Pass

CERTIFIED BY:

Dave Nichols Jr. Automotive Lab Technician

ISSUE DATE: 1-1-24

8-14-2017

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.