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TEST REPORT

PRODUCT: FT 1143
 SUPPORT: EPDM FOAM
 SUBSTRATE: PP
 CERT NO.: 230105 - 1114



INTEVA MX650011 Type IV -CYCLE-E

OEM Rev Date: Mar 08

Adhesion Performance Requirements of Pressure Sensitive Adhesive Coated Parts (Minimal Stress) Type IV

5.4 For a part bonded on line or at a Tier 1 supplier, with no additional mechanical fastening, and subjected to low stress during service:

Passing Type IV Meets and Exceeds Type I, II and III Requirements

TAPE REQUIREMENTS:

4. REQUIREMENTS

SECTION 4.3.1 Creep Resistance

4.3.1, A Initial, Bonded @ 25°C, 50% RH - 7 Days @ 40°C

Specification
 No Lifting or Shifting

Results
 Stable, No Lifting or Removal

Status
 Pass

4.3.1, Cycle E Environments

No Lifting or Shifting

Stable, No Lifting or Removal

Pass

SECTION 4.3.2 Peel Adhesion

4.3.2, A Bonded @ 25°C, 50% RH - 20 mins @ RT

Specification
 350 N / m

Results
 525.4

Status
 Pass

4.3.2, Cycle E Environments

- 72 hrs @ 70°C
- 24 hrs @ 38°C / 95% RH
- 8 hrs @ -30°C
- 40 hrs @ 70°C
- 24 hrs @ 38°C / 95% RH
- 8 hrs @ -30°C

- 350 N / m
- 350 N / m
- 350 N / m
- 350 N / m
- 350 N / m
- 350 N / m

- 525.4
- 525.4
- 525.4
- 525.4
- 525.4
- 525.4

- Pass
- Pass
- Pass
- Pass
- Pass
- Pass

SECTION 4.3.3 Impact

4.3.3, A Bonded @ 25°C, 50% RH, - 20 mins @ RT

Specification
 No Separation from 2 Impacts

Results
 No Impact Separation

Status

4.3.3, Cycle E Environments

- 72 hrs @ 70°C
- 24 hrs @ 38°C / 95% RH
- 8 hrs @ -30°C
- 40 hrs @ 70°C
- 24 hrs @ 38°C / 95% RH
- 8 hrs @ -30°C

- No Separation from 2 Impacts
- No Separation from 2 Impacts
- No Separation from 2 Impacts
- No Separation from 2 Impacts
- No Separation from 2 Impacts
- No Separation from 2 Impacts

- No Impact Separation
- No Impact Separation
- No Impact Separation
- No Impact Separation
- No Impact Separation
- No Impact Separation

- Pass
- Pass
- Pass
- Pass
- Pass
- Pass

SECTION 4.3.4 Edge Adhesion

4.3.4, A Bonded @ 25°C, 50% RH - 20 mins @ RT

Specification
 Securely Bonded

Results
 Stable, No Lifting or Removal

Status
 Pass

4.3.4, Cycle E Environments

Securely Bonded

Stable, No Lifting or Removal

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.

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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 *.