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TEST REPORT

PRODUCT: **FT 8299**
 SUPPORT: **PET FOAM**
 SUBSTRATE: **PP**
 CERT NO.: **230803 - 0828**



FCA MS.90075

OEM Rev Date: Dec 17

Pressure-Sensitive Adhesives On Components For Sound Suppression,
 Vibration Damping And Heat Insulation Purposes
 B Expanded Cellular Door Panel

PERFORMANCE REQUIREMENTS:

8.1 Mechanical Properties and Tests

SECTION: **8.1.1 Lap Shear**

| Initial, After Initial, After 30 mins @ RT | | <u>Specification</u> | <u>Results</u> | <u>Status</u> |
|--------------------------------------------------------------------------------------------------------|----------|-----------------------------|----------------|---------------|
| | | 5 N / cm² | 1.99 | Pass |
| Initial, After 24 hrs @ RT | | 6 N / cm² | 1.93 | Pass |
| Initial, After 168 hrs @ RT | | 6 N / cm² | 2.05 | Pass |
| After 48 hrs @ 90°C, 2 hrs @ RT | 50184-A* | 6 N / cm² | 2.18 | Pass |
| After 24 hr Water Immersion @ RT, No Recovery | | 4 N / cm² | 1.51 | Pass |
| After 250 hrs @ 40°C / 95% RH, 2 hrs RT | 50184-B* | 4 N / cm² | 1.78 | Pass |
| After 72 hrs @ RT, Environmental Cycle 5x 24 hrs @ 79°C 24 hrs @ 79°C / 97% RH 24 hrs @ -29°C | 50184-D* | 4 N / cm² | 3.07 | Pass |

SECTION: **8.1.2 Adhesion Test**

| Mandrel Bend After 2 hrs @ 80°C | <u>Specification</u> | <u>Results</u> | <u>Status</u> |
|----------------------------------|------------------------------------------------------|-----------------------------------|---------------|
| | No Loss of Adhesion Immediately After Bending | Good, No Lifting or Adhesion Loss | Pass |
| Mandrel Bend After 2 hrs @ -40°C | | Good, No Lifting or Adhesion Loss | Pass |

SECTION: **8.1.4 Creep Test**

| 24 hrs @ RT, 50°C Ramp per hour | <u>Specification</u> | <u>Results</u> | <u>Status</u> |
|---------------------------------|----------------------|----------------|---------------|
| | > 50 °C | 99 | 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 *.