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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: 1-1-24

Materials tested to OEM requirements @ 72°F +/- 2°F and 50% RH +/- 5%. Test uncertainty and minor exclusions are available online or upon request.

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 *.