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TEST REPORT

PRODUCT: **FBD 8970 12 PT BD**
SUPPORT: **PEU FOAM**
SUBSTRATE: **PP**
CERT NO.: **230103 - 1013**



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:	Specification	Results	Status
3.3 Service Temperature			
3.3.1, Service Temp, Permanent Bond, 96 hrs @ -40°C	No Adhesion Loss or Separation	Good, Stable, No Lifting	Pass
3.3.1, Service Temp, Permanent Bond, 96 hrs @ 93°C	No Adhesion Loss or Separation	Good, Stable, No Lifting	Pass
3.4 Humidity			
3.4, Humidity, 50 hrs @ 38°C / 95% RH	No Adhesion Loss, Discoloration or Softening	Stable, No Lifting or Visible Change	Pass
3.5 Objectionable Odor			
3.5, Service Temperature, 1 hr @ 93°C	2 or Less Rating	1	Pass
3.5, Service Temperature, 1 hr @ 93°C, 1 hr @ RT	2 or Less Rating	0	Pass
3.6 Fogging, Oil Bath			
3.6, 6 hrs @ 85°C, 21°C Cooling, 16 hrs @ RT	GM 9305P 92 60 Units	100.0	Pass
3.7 Creep			
3.7, Creep, Ambient, 3.5 hrs @ 23°C	No Slip	No Slip	Pass
4.3.1.1 Peel Test			
4.3.1.1 (A), Peel Test, As Bonded @ RT	GMW 14124 10 600 N / m	719.7	Pass
4.3.1.1 (B), Peel Test, 72 hrs @ 93°C	350 N / m	790.9	Pass
4.3.1.1 (C), Peel Test, 24 hrs @ -40°C	350 N / m	918.1	Pass
4.3.1.1 (D), Peel Test, 48 hrs @ 38°C / 95% RH	350 N / m	987.0	Pass
4.3.1.1 (E), Peel Test, 800 hrs @ 93°C	350 N / m	548.6	Pass
4.3.1.2 Static Shear			
4.3.1.2, Static Shear, Ambient, 6 hrs @ 23°C	No Slip	No Slip	Pass
4.3.1.3 Tensile Elongation			
4.3.1.3, Static Shear, Tensile, PET Only	ASTM D882-10 1750 N / m	2805.0	Pass
4.3.1.3, Static Shear, Elongation, PET Only	60 %	115.0	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 *.