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TEST REPORT

PRODUCT: SUPPORT: SUBSTRATE: CERT NO.: FT B 12 PT BD NITRILE VINYL FOAM PP 230103 - 1144



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: 3.0Heat ResistanceLP-463TB-03-01*2.2, Heat Resistance, Initial, 2 hrs @ RT	Specification	<u>Results</u>	<u>Status</u>
	No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
SECTION: 3.0 Heat Resistance LP-463CB-10-01*	Specification	<u>Results</u>	<u>Status</u>
2.2, Heat Resistance, 168 hrs @ 79°C	No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
SECTION: 3.0 Heat Resistance LP-463CB-10-01*	Specification	<u>Results</u>	<u>Status</u>
2.2, Heat Resistance, 8 hrs @ 93°C"	No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
SECTION: 3.0 Heat Resistance	Specification	<u>Results</u>	<u>Status</u>
2.2, Heat Resistance, 24 hrs Water Immersion	No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
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	<u>Results</u> Stable, No Lift or Adhesion Loss	<u>Status</u> Pass
SECTION: 3.0 Peel Adhesion LP-463-TB-03-01*	Specification	<u>Results</u>	<u>Status</u>
3.0, Adhesion, Initial, 2 hrs @ RT	0.9 N / cm	11.7	Pass
SECTION: 3.0 Peel Adhesion LP-463-CB-10-01*	Specification	<u>Results</u>	<u>Status</u>
3.0, Adhesion, 168 hrs @ 79°C	3.3 N / cm	8.7	Pass
SECTION: 3.0 Peel Adhesion LP-463-CB-10-01*	Specification	Results	<u>Status</u>
3.0, Adhesion, 8 hrs @ 93°C	3.3 N / cm	8.0	Pass
SECTION: 3.0 Peel Adhesion	Specification	Results	<u>Status</u>
3.0, Adhesion, 24 hr Water Immersion	3.3 N / cm	11.2	Pass
SECTION: 3.0 Peel Adhesion ASTM D1735 3.0, Adhesion, Heat Resistance, Cycles (5x) Adhesion, Heat Resistance, Cycles (5x) 24 hrs @ 79°C 24 hrs @ 38°C / 95% RH 24 hrs @ -29°C	Specification 3.3 N / cm x)	<u>Results</u> 9.4	<u>Status</u> Pass

CERTIFIED BY:

Dave Nichols Jr, Automotive Lab Technician

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 *.

Avery Dennison Performance Tapes 250 Chester St. Painesville, Ohio 44077

ISSUE DATE:

Original Test Date:

1-1-24

8-14-2017