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TEST REPORT

PRODUCT: FT 1149X
SUPPORT: 1 MM BLACK FELT
SUBSTRATE: PC ABS
CERT NO.: 230104 - 1221



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:	Heat Resistance	LP-463-TB-03*	Specification	Results	Status
2.2, Initial, 2 hrs @ RT			No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
SECTION: 3.0	Heat Resistance	LP-463-CB-10*	Specification	Results	Status
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-463-CB-10*	Specification	Results	Status
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	Results	Status
2.2, 24 hrs Water Immersion			No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
SECTION: 3.0	Heat Resistance	ASTM D1735	Specification	Results	Status
2.2, Cycles (5x)			No Adhesion Loss or Lifting	Stable, No Lift or Adhesion Loss	Pass
	72 hrs @ 70°C				
	24 hrs @ 38°C / 95% RH				
	24 hrs @ -29°C				
SECTION: 3.0	Peel Adhesion	LP-463-TB-03*	Specification	Results	Status
3.0, Adhesion, Initial, 2 hrs @ RT			0.9 N / cm	9.4	Pass
SECTION: 3.0	Peel Adhesion	LP-463-CB-10*	Specification	Results	Status
3.0, Adhesion, 168 hrs @ 79°C			3.3 N / cm	15.2	Pass
SECTION: 3.0	Peel Adhesion	LP-463-CB-10*	Specification	Results	Status
3.0, Adhesion, 8 hrs @ 93°C			3.3 N / cm	14.7	Pass
SECTION: 3.0	Peel Adhesion		Specification	Results	Status
3.0, Adhesion, 24 hr Water Immersion			3.3 N / cm	12.6	Pass
SECTION: 3.0	Peel Adhesion	ASTM D1735	Specification	Results	Status
3.0, Adhesion, Cycles (5x)			3.3 N / cm	19.7	Pass
	Adhesion, Cycles (5x)				
	72 hrs @ 70°C				
	24 hrs @ 38°C / 95% RH				

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 *.