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TEST REPORT

PRODUCT: **8299**
SUPPORT: **PORON**
SUBSTRATE: **SS**
CERT NO.: **230825 - 1315**



GMW 14892-CODE-3-CYCLE-M
OEM Rev Date: Nov 20
Adhesive Requirements for Bonded Interior Parts
CODE 3 - Not Exposed To Direct Sunlight

TAPE REQUIREMENTS:

SECTION: 3.2.2 Visual Evaluation

3.2.2.1, GMW 14124 CYCLE-M 2x, 168 hrs @ 85°C

3.2.2.1, Natural Weathering

Specification	Results	Status
No Ooze, Lift, Bubbling or Loss of Adhesion	No Ooze, Lifting or Adhesion Loss	Pass
	Not Tested	Not Tested

SECTION: 3.2.2.2 Edge Adhesion

3.1.5.2, Environmental Cycles 2(x), GMW 14124 CYCLE-M

Specification	Results	Status
No Peeling, Lifting, Unwrapping of Edge Wraps, etc	No Lifting or Unwrapping	Pass

SECTION: 3.2.3.2 Peel Adhesion

3.2.3.2, As Received, 72 hrs @ RT

3.2.3.2.1, Humidity - GMW 14729 Opt A, 144 hrs @ 38°C / 100% RH, 1 hr @ RT

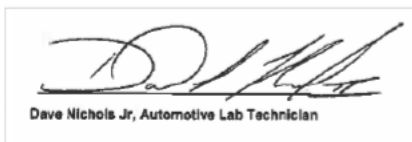
3.2.3.2.2, Oven Aged, 24 hrs @ 85°C, < 40s

3.2.3.2.3, Environmental Cycles 2(x), GMW 14124 CYCLE-M

23 hrs @ 40°C / 95% RH
1 hr @ RT
18 hrs @ 85°C
1 hr @ RT
4 hrs @ -30°C
1 hr @ RT

Specification	GMW14444	Results	Mode	Status
525 N / m		926.6	ADHESIVE	Pass
525 N / m		1314.1	ADHEREND	Pass
525 N / m		584.9	COHESIVE	Pass
525 N / m		1367.0	COHESIVE	Pass

CERTIFIED BY:



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.

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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 *.

Appendix A

Company Name _____

PRODUCT: **8299**
 SUPPORT: **PORON**
 SUBSTRATE: **SS**

Report Number: 230825 - 1315

Table A1: Visual Evalutaion

Test Class	Specification	Requirements	Results - Triplicate		
			Part 1	Part 2	Part 3
Visual Evalutaion 3.2.2	GMW 14444 / 14892	3.2.2.1 No color transfer, bubble formation, and/or delamiantion after being exposed to dimensional stability test	No Ooze, Lifting or Adhesion Loss	No Ooze, Lifting or Adhesion Loss	No Ooze, Lifting or Adhesion Loss
		3.2.2.1 No color transfer, bubble formation, and/or delamiantion after being exposed to natural weathering	Not Tested	Not Tested	Not Tested
		3.2.2.2 No peeling, lifting, unwrapping of edge wraps after being exposed to 2 Cycles M	No Lifting or Unwrapping	No Lifting or Unwrapping	No Lifting or Unwrapping

Table A2: 180° Peel Adhesion

Test Class	Specification	Requirements	Results - Triplicate					
			Units	Failure Mode	Units	Failure Mode	Units	Failure Mode
180° Average Peel Strength, As Received, 72 hrs @ RT	ISO 8510-2	GMW 14444 Table 5 - Minimum of 525 N/m or Cohesive Failure of One or Both of the Adherends	895.25	ADHESIVE	937.98	ADHESIVE	946.56	ADHESIVE
180° Average Peel Strength, Humidity - GMW 14729 Opt A, 144 hrs @ 38°C / 100% RH, 1 hr @ RT			1319.93	ADHEREND	1319.23	ADHEREND	1303.12	ADHEREND
180° Average Peel Strength, Oven Aged, 24 hrs @ 85°C, < 40s			626.25	COHESIVE	646.39	COHESIVE	482.12	COHESIVE
180° Average Peel Strength, Environmental Cycles 2(x), GMW 14124 CYCLE-M			1378.25	COHESIVE	1405.92	COHESIVE	1316.96	COHESIVE

Table A3: Coupon Level Rigid to Rigid Test

Test Class	Specification	Requirements	Results - Triplicate		
			Part 1	Part 2	Part 3
	GMW 14892				