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TEST REPORT

PRODUCT: **1905**
 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

Specification
**No Ooze, Lift, Bubbling or
 Loss of Adhesion**

Results
 No Ooze, Lifting or Adhesion Loss

Status
Pass

3.2.2.1, Natural Weathering

Not Tested

Not Tested

SECTION: **3.2.2.2 Edge Adhesion**

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

Specification
**No Peeling, Lifting,
 Unwrapping of Edge Wraps,
 etc**

Results
 No Lifting or Unwrapping

Status
Pass

SECTION: **3.2.3.2 Peel Adhesion**

3.2.3.2, As Received, 72 hrs @ RT

Specification
525 N / m

GMW14444

Results
 857.8

Mode
 ADHESIVE

Status
Pass

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

525 N / m

1057.0

ADHESIVE

Pass

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

525 N / m

916.3

ADHEREND

Pass

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

525 N / m

938.7

ADHESIVE

Pass

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

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 _____

Report Number: 230825 - 1315

PRODUCT: 1905
 SUPPORT: PORON
 SUBSTRATE: SS

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	889.82	ADHESIVE	865.83	ADHESIVE	817.67	ADHESIVE
180° Average Peel Strength, Humidity - GMW 14729 Opt A, 144 hrs @ 38°C / 100% RH, 1 hr @ RT			1072.48	ADHESIVE	1058.82	ADHESIVE	1039.73	ADHESIVE
180° Average Peel Strength, Oven Aged, 24 hrs @ 85°C, < 40s			963.90	ADHEREND	893.32	ADHEREND	891.75	ADHEREND
180° Average Peel Strength, Environmental Cycles 2(x), GMW 14124 CYCLE-M			978.26	ADHESIVE	832.03	ADHESIVE	1005.93	ADHESIVE

Table A3: Coupon Level Rigid to Rigid Test

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