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**TEST REPORT**

PRODUCT: UHMW 527  
 SUPPORT: POLYETHYLENE  
 SUBSTRATE: TPO  
 CERT NO.: 240129 - 1451



**GMW 16443-TYPE-I**

OEM Rev Date: Aug 18

Adhesion Performance Requirements For Adhesive Backed Light Trim and Foam

Type I - An adhesive backed foam composite that is entrapped and/or mechanically retained for the life of the vehicle

**TAPE REQUIREMENTS:**

**3.5.1 Type I Exposure**

**SECTION 3.3.3 Edge Adhesion**

3.5.3, Initial, As Received - 24 hrs @ RT

<u>Specification</u>	<u>Results</u>	<u>Status</u>
Securely Bonded	Stable, No Lifting or Removal	Pass

3.5.4, Heat Aged 168 hrs @ 80°C per ISO 188,

Securely Bonded	Stable, No Lifting or Removal	Pass
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3.5.5, Humidity 168 hrs @ 38°C / 100% RH per GMW 14729 Option

Securely Bonded	Stable, No Lifting or Removal	Pass
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CERTIFIED BY:

David Nichols II, Automotive Lab Technician

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 Table A1

PRODUCT: UHMW 527  
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Table A1: GMW16443 Type I Applications Test Data Form

Section	Test	Requirements	Sample	Visual Edge Adhesion
3.5.3	Initial, As Received - 24 hrs @ RT	Per Section 3.3	1	Stable, No Lifting or Removal
			2	Stable, No Lifting or Removal
			3	Stable, No Lifting or Removal
3.5.4	Heat Aged 168 hrs @ 80°C per ISO 188,		1	Stable, No Lifting or Removal
			2	Stable, No Lifting or Removal
			3	Stable, No Lifting or Removal
3.5.5	Humidity 168 hrs @ 38°C / 100% RH per GMW 14729 Option B		1	Stable, No Lifting or Removal
			2	Stable, No Lifting or Removal
			3	Stable, No Lifting or Removal

Section	Test	Standard	Requirements	Sample	Result
	Tape Wet Out, GMW15851		85% Tape Wet Out	1	
				2	
				3	
	Release Liner Contact	To Be Determined @ Tier	No Lift Prior To Vehicle Install	1	TBD
				2	TBD
				3	TBD
	Liner Removal	ISO 8510-2	Less Than or Equal To 65 N/m	1	
				2	
				3	