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TEST REPORT

PRODUCT: UHMW 327
 SUPPORT: POLYETHYLENE
 SUBSTRATE: TPO
 CERT NO.: 240129 - 1443



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 |
|-----------------|-------------------------------|------|

3.5.5, Humidity 168 hrs @ 38°C / 100% RH per GMW 14729 Option

| | | |
|-----------------|-------------------------------|------|
| Securely Bonded | Stable, No Lifting or Removal | Pass |
|-----------------|-------------------------------|------|

CERTIFIED BY:

David Nichols II, 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 *.

Appendix A Table A1

PRODUCT: UHMW 327
 SUPPORT: POLYETHYLENE
 SUBSTRATE: TPO
 CERT NO.: 240129 - 1443

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 | |