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TEST REPORT

PRODUCT: FT 8392 12 PT BD
SUPPORT: EPDM FOAM
SUBSTRATE: ABS
CERT NO.: 221215 - 1445



GMW 16443-TYPE-II-EXTERIOR-CYCLE-C

OEM Rev Date: Aug 18

Adhesion Performance Requirements For Adhesive Backed Light Trim and Foam

Type II - An adhesive backed foam composite that is retained by the adhesive for the life of the vehicle

Passing Type II Meets and Exceeds 3.5.1 Type I Exposure Requirements

TAPE REQUIREMENTS:

3.5.2 TYPE-II Exposure

SECTION 3.3.3 Edge Adhesion

3.5.3, Initial, As Received - 24 hrs @ RT

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

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

3.5.6, Cycle Exposure, GMW 14124, 2x Cycle C

17 hrs @ -30°C
72 hrs @ 70°C
24 hrs @ 38°C / 100% RH
7 hrs @ -30°C
24 hrs @ 38°C / 100% RH
7 hrs @ 70°C
24 hrs @ 38°C / 100% RH

3.5.8, Cold Shock, 72 hrs @ 54°C, 4 hrs @ -30°C

SECTION 3.4 Peel Adhesion

ISO 8510-2

3.5.3, Initial, As Received - 24 hrs @ RT

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

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

3.5.6, Cycle Exposure, GMW 14124, 2x Cycle C

17 hrs @ -30°C
72 hrs @ 70°C
24 hrs @ 38°C / 100% RH
7 hrs @ -30°C
24 hrs @ 38°C / 100% RH
7 hrs @ 70°C

3.5.8, Cold Shock, 72 hrs @ 54°C, 4 hrs @ -30°C

SECTION 3.5.8 Cold Shock

3.5.8, Cold Shock, 72 hrs @ 54°C, 4 hrs @ -30°C

SECTION: 3.7.1 Release Liner

3.7.2, Liner Removal @ RT

Specification

Securely Bonded

Securely Bonded

Securely Bonded

Securely Bonded

Securely Bonded

Specification

525 N / m

525 N / m

525 N / m

525 N / m

525 N / m

Specification

No Separation from 2

Specification

< 65 N / m

Results

Stable, No Lifting or Removal

Stable, No Lifting or Removal

Stable, No Lifting or Removal

Stable, No Lifting or Removal

Stable, No Lifting or Removal

Results

819.6

1016.9

1065.9

911.2

876.8

Results

No Impact Separation

Results

9.9

Status

Pass

Pass

Pass

Pass

Pass

Mode

AF-P

CF

AF-P

AF-P

Status

Pass

Pass

Pass

Pass

Pass

Status

Pass

Status

Pass

CERTIFIED BY:

Dave Nichols Jr, 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 A2

PRODUCT: FT 8392 12 PT BD

SUPPORT: EPDM FOAM

SUBSTRATE: ABS

CERT NO.: 221215 - 1445

Table A2: GMW16443 Type II Applications Test Data Form

Table A2: GMW16443 Type II Applications Test Data Form							
Section	Test	Standard	Requirements	Sample	Visual Edge Adhesion	Peel N/m	Failure Mode
3.5.3	Initial, As Received - 24 hrs @ RT	ISO 8510-2	Minimum of 525 N/m and Cohesive Failure of One or Both of the Adherends	1	Stable, No Lifting or Removal	777.6	AF-P
				2	Stable, No Lifting or Removal	875.6	AF-P
				3	Stable, No Lifting or Removal	805.6	AF-P
3.5.4	Heat Aged 168 hrs @ 80°C per ISO 188			1	Stable, No Lifting or Removal	1012.2	CF
				2	Stable, No Lifting or Removal	952.7	CF
				3	Stable, No Lifting or Removal	1085.8	CF
3.5.5	After Humidity 168 hrs @ 38°C / 100% RH per GMW 14729 Option A			1	Stable, No Lifting or Removal	879.1	AF-P
				2	Stable, No Lifting or Removal	1129.6	AF-P
				3	Stable, No Lifting or Removal	1189.1	AF-P
3.5.6	Cycle Exposure, GMW 14124, 2x Cycle C			1	Stable, No Lifting or Removal	986.0	AF-P
				2	Stable, No Lifting or Removal	838.9	AF-P
				3	Stable, No Lifting or Removal	908.9	AF-P
				1			
				2			
				3			
3.5.8	Cold Shock, 72 hrs @ 54°C, 4 hrs @ -30°C			1	Stable, No Lifting or Removal	852.9	AF-P
				2	Stable, No Lifting or Removal	767.1	AF-P
				3	Stable, No Lifting or Removal	1010.5	AF-P

Section	Test	Standard	Requirements	Sample	Result
3.6	Tape Wet Out, GMW15851	GMW 15851 is restricted and we cannot purchase	85% Tape Wet Out	1	Not Tested
				2	Not Tested
				3	Not Tested
3.7.1	Release Liner Contact	To Be Determined @ Tier	No Lift Prior To Vehicle Install	1	TBD
				2	TBD
				3	TBD
3.7.2	Liner Removal	ISO 8510-2	Less Than Or Equal To 65 N/m	1	10.5
				2	8.8
				3	10.5