

Lord Adhesives Versilok® 253 / 254 Acrylic Adhesive

Category : Polymer , Adhesive

Material Notes:

LORD Versilok® 253/254 adhesive is a two-component, epoxy-modified acrylic adhesive used to bond a variety of automotive sheet metals, including hot-dip galvanized, electro-galvanized, bare aluminum, and cold rolled steel. Versilok 253/254 adhesive can be either room temperature cured or heat cured for faster processing. Glass beads are included in the adhesive system providing a mechanical lock between substrates. Versilok 253/254 adhesive is approved by General Motors Corporation (3639M) and Ford Motor Company (ESB-M2G347-A). All information provided by Lord.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lord-Adhesives-Versilok-253-254-Acrylic-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.14 - 1.25 g/cc	0.0412 - 0.0452 lb/in ³	253 Resin
	1.39 - 1.46 g/cc	0.0502 - 0.0527 lb/in ³	254 Hardener
Brookfield Viscosity	40000 - 300000 cP @Temperature 25.0 °C	40000 - 300000 cP @Temperature 77.0 °F	254 Hardener; HAT-TD @ 5rpm
	160000 - 520000 cP @Temperature 25.0 °C	160000 - 520000 cP @Temperature 77.0 °F	253 Resin; HAT-TD @ 5rpm

Mechanical Properties	Metric	English	Comments
Elongation at Yield	25 - 30 %	25 - 30 %	ASTM D638
Impact Test	>= 10.2 J	>= 7.50 ft-lb	GM 9751P
Peel Strength	>= 5.26 kN/m	>= 30.0 pli	ASTM D1876

Thermal Properties	Metric	English	Comments
Flash Point	>= 93.0 °C	>= 199 °F	253 Resin; Closed Cup
	>= 93.0 °C	>= 199 °F	254 Hardener; Closed Cup

Processing Properties	Metric	English	Comments
Cure Time	30.0 - 40.0 min @Temperature 25.0 °C	0.500 - 0.667 hour @Temperature 77.0 °F	Handling strength
	6.00 Month	6.00 Month	

Shelf Life Processing Properties	@Temperature 25.0 Metric	@Temperature 77.0 Å°F English	Comments
Descriptive Properties	Value		Comments
	Appearance	Gray	254 Hardener
	White/Light Green		253 Resin
Consistency	Paste		253 Resin
	Paste		254 Hardener
Press Flow (sec)	15-55		20g, 80psi @ 25Å°C; orifice #1, 0.052"
	20-60		20g, 80psi @ 25Å°C; orifice #1, 0.052"

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China