

## Lord Adhesives 7542 Urethane Adhesive

Category : Polymer , Adhesive

### Material Notes:

LORD® 7542 adhesive is an equal-mix, two-component urethane adhesive system used to bond FRP, SMC and other plastics with little surface preparation. This adhesive will also bond primed metals. LORD 7542 adhesive system is available in a range of working times to accommodate a wide variety of process requirements. All information provided by Lord.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lord-Adhesives-7542-Urethane-Adhesive.php](http://www.lookpolymers.com/polymer_Lord-Adhesives-7542-Urethane-Adhesive.php)

Physical Properties	Metric	English	Comments
Density	1.23 - 1.27 g/cc	0.0444 - 0.0459 lb/in <sup>3</sup>	B Curative
	1.23 - 1.27 g/cc	0.0444 - 0.0459 lb/in <sup>3</sup>	C Curative
	1.23 - 1.27 g/cc	0.0444 - 0.0459 lb/in <sup>3</sup>	D Curative
	1.23 - 1.27 g/cc	0.0444 - 0.0459 lb/in <sup>3</sup>	E Curative
	1.37 - 1.41 g/cc	0.0495 - 0.0509 lb/in <sup>3</sup>	A Resin
Solids Content	100 %	100 %	A/B
	100 %	100 %	A/C
	100 %	100 %	A/D
	100 %	100 %	A/E
Viscosity	1500 - 4500 cP @Temperature 25.0 °C	1500 - 4500 cP @Temperature 77.0 °F	A Resin
	5000 - 14000 cP @Temperature 25.0 °C	5000 - 14000 cP @Temperature 77.0 °F	D Curative
	7000 - 14000 cP @Temperature 25.0 °C	7000 - 14000 cP @Temperature 77.0 °F	B Curative
	7000 - 14000 cP @Temperature 25.0 °C	7000 - 14000 cP @Temperature 77.0 °F	C Curative
	5000 - 18000 cP @Temperature 25.0 °C	5000 - 18000 cP @Temperature 77.0 °F	E Curative

Thermal Properties	Metric	English	Comments
Flash Point	>= 93.0 Â°C	>= 199 Â°F	A Resin; Closed Cup
	>= 93.0 Â°C	>= 199 Â°F	B Curative; Closed Cup
	>= 93.0 Â°C	>= 199 Â°F	C Curative; Closed Cup
	>= 93.0 Â°C	>= 199 Â°F	D Curative; Closed Cup
	>= 93.0 Â°C	>= 199 Â°F	E Curative; Closed Cup

Processing Properties	Metric	English	Comments
Cure Time	1440 min @Temperature 24.0 Â°C	24.0 hour @Temperature 75.2 Â°F	
Pot Life	4.0 - 7.0 min @Temperature 24.0 Â°C	4.0 - 7.0 min @Temperature 75.2 Â°F	A/B
	11 - 15 min @Temperature 24.0 Â°C	11 - 15 min @Temperature 75.2 Â°F	A/C
	20 - 30 min @Temperature 24.0 Â°C	20 - 30 min @Temperature 75.2 Â°F	A/D
	50 - 60 min @Temperature 24.0 Â°C	50 - 60 min @Temperature 75.2 Â°F	A/E
Shelf Life	6.00 Month @Temperature 18.0 - 30.0 Â°C	6.00 Month @Temperature 64.4 - 86.0 Â°F	

Descriptive Properties	Value	Comments
Appearance	Dark Brown	A Resin
	Tan	B Curative
	Tan	C Curative
	Tan	D Curative
	Tan	E Curative
Consistency	Liquid	A Resin

Descriptive Properties	Value	Comments
	Liquid	C Curative
	Liquid	D Curative
	Liquid	E Curative
Mix Ratio	1:1	by volume; A:B
	1:1	by volume; A:C
	1:1	by volume; A:D
	1:1	by volume; A:E

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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