

Lord Adhesives Chemglaze® V175 Polyurethane Coating

Category : Polymer , Thermoset , Polyurethane, TS

Material Notes:

Chemglaze® V-Line polyurethane coatings are moisture curing aliphatic polyurethane coatings. They are used in product finishing applications on polyvinyl-chloride (PVC) and other plastics where maximum performance properties are needed. These coatings provide the highest possible combinations of abrasion resistance, wear properties and flexibility. Use Chemglaze V-Line coatings as protective coatings for vinyl, Mylar®, ABS, FRP, and Noryl®. Excellent wear is characteristic of all Chemglaze products. In laboratory evaluations 7.6 to 38.1 µm (0.3 to 1.5 mils) of Chemglaze V-Line polyurethane coatings provide better scuff and wear resistance than 50.8 - 76.2 µm (2 to 3 mils) of conventional scuff coats. All information provided by Lord.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lord-Adhesives-Chemglaze-V175-Polyurethane-Coating.php

Physical Properties	Metric	English	Comments
Density	0.980 g/cc	0.0354 lb/in ³	ASTM D1475
Solids Content	20 %	20 %	by weight; ASTM D2369 Modified
	20.5 %	20.5 %	by volume; ASTM D2369 Modified
Volatile Organic Compounds (VOC) Content	732 g/l	732 g/l	ASTM D3960
Brookfield Viscosity	400 cP	400 cP	ASTM D2196, LVT, Spindle #2 @ 30rpm

Thermal Properties	Metric	English	Comments
Flash Point	32.0 °C	89.6 °F	ASTM D3278, Seta Flash, Closed Cup

Processing Properties	Metric	English	Comments
Cure Time	1.00 - 4.00 min	0.0167 - 0.0667 hour	
	@Temperature 149 - 191 °C	@Temperature 300 - 376 °F	
	2.00 - 5.00 min	0.0333 - 0.0833 hour	
	@Temperature 121 - 149 °C	@Temperature 250 - 300 °F	
	10.0 - 30.0 min	0.167 - 0.500 hour	
	@Temperature 93.0 - 121 °C	@Temperature 199 - 250 °F	

Descriptive Properties	Value	Comments
Theoretical Coverage (ft ² /gallon/mil)	328	

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