

Struktol POLYDIS 3691 Elastomer modified epoxy prepolymer

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer , Thermoset , Epoxy

Material Notes:

Applications: STRUKTOL POLYDIS 3691 is used where conventional epoxy systems are unable to satisfy the demands of for example contact adhesion or peel strength. Improvements in impact strength, flexural strength, shear strength and peel strength. Largely unaffected are heat distortion temperature, chemical resistance and weathering resistance. Information provided by Struktol

Order this product through the following link:

http://www.lookpolymers.com/polymer_Struktol-POLYDIS-3691-Elastomer-modified-epoxy-prepolymer.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in ³	
Viscosity	300000 cP @Temperature 25.0 Â°C	300000 cP @Temperature 77.0 Â°F	Dynamic

Chemical Properties	Metric	English	Comments
Acid Value	<= 1.0	<= 1.0	

Processing Properties	Metric	English	Comments
Shelf Life	>= 12.0 Month	>= 12.0 Month	in original sealed containers at temperatures less than 40Â°C

Descriptive Properties	Value	Comments
Appearance	Yellowish, cloudy liquid	
Elastomer Content %	5 NBR	
Epoxy Equivalent Weight (g/Eq)	205	
Resin-base of the prepolymer	DGEBA	

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