

Master Bond UV22 One Component, UV Curable, Nanosilica Reinforced Epoxy System

Category : Polymer , Adhesive , Thermoset

Material Notes:

Master Bond Polymer System UV22 represents a nanosilica filled one component UV curable epoxy for coating, sealing, and encapsulation applications. This system features superior physical properties, enhanced abrasion resistance, excellent optical clarity along with significantly reduced shrinkage after curing. The performance properties of UV22 surpass those of similar non-reinforced systems by as much as 50-90%. The cycloaliphatic epoxy resin phase offers very superior chemical and physical properties together with improved light stability.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Master-Bond-UV22-One-Component-UV-Curable-Nanosilica-Reinforced-Epoxy-System.php

Physical Properties	Metric	English	Comments
Viscosity	4000 cP @Temperature 23.0 °C	4000 cP @Temperature 73.4 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	>= 85	>= 85	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	149 °C	300 °F	
Minimum Service Temperature, Air	-51.1 °C	-60.0 °F	

Descriptive Properties	Value	Comments
Color	Transparent	

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