

Hybrid Plastics Fireban® Mark VI Resorcinolinic (PRF)

Category : Polymer

Material Notes:

The resin system produces a superiour fire resistant material.Information provided by Hybrid Plastics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hybrid-Plastics-Fireban-Mark-VI-Resorcinolinic-PRF.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 g/cc	resin age: 0-3 months
	1.24 g/cc	1.24 g/cc	resin age: 6 months
Solids Content	74 %	74 %	
pH	7.81 @Temperature 25.0 Â°C	7.81 @Temperature 77.0 Â°F	resin age: 0-3 months
	7.81 @Temperature 25.0 Â°C	7.81 @Temperature 77.0 Â°F	resin age: 6 months
Brookfield Viscosity	750 - 1000 cP	750 - 1000 cP	resin age: 0-3 months
	1200 - 1500 cP	1200 - 1500 cP	resin age: 6 months

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	55 - 75	55 - 75	
Tensile Strength, Ultimate	>= 150 MPa	>= 21800 psi	
Flexural Strength	>= 250 MPa	>= 36300 psi	
Compressive Strength	>= 190 MPa	>= 27600 psi	

Optical Properties	Metric	English	Comments
Refractive Index	1.55	1.55	resin age: 0-3 months
	1.55	1.55	resin age: 6 months

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