

## Fibre Glast 182 White Gel Coat

Category : Polymer , Thermoplastic , Adhesives, Sealants, and Coatings

### Material Notes:

#182 White Gel Coat is a highly durable ISO gel coat and is the industry production standard for molding applications. Use as a sandable base coat for painting or polish to a high luster finish. Spray un-thinned into molds using a cup gun or blend with #1040 Duratec Hi-Gloss Additive when performing repairs. Approved for use in marine and sanitary ware applications. Requires 1.5% MEKP

**Features & Benefits:**

Shelf Stability; Ease of application; Flexural strength; Crack resistance; Chemical Resistance; Tear Resistance; Long term durability; UV Light Stability; Water/osmosis resistance

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Fibre-Glast-182-White-Gel-Coat.php](http://www.lookpolymers.com/polymer_Fibre-Glast-182-White-Gel-Coat.php)

Physical Properties	Metric	English	Comments
Density	1.08 - 1.38 g/cc	0.0390 - 0.0498 lb/in <sup>3</sup>	
Viscosity	2300 - 2900 cP @Shear Rate 1.00 1/s, Temperature 25.0 Â°C	2300 - 2900 cP @Shear Rate 1.00 1/s, Temperature 77.0 Â°F	LVF#4, Uncured
Viscosity Measurement	4.5 - 6.5	4.5 - 6.5	Thix Index, Uncured

Mechanical Properties	Metric	English	Comments
Elongation at Break	1.7 - 2.2 %	1.7 - 2.2 %	Flex; ASTM D790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	82.2 - 98.9 Â°C	180 - 210 Â°F	

Processing Properties	Metric	English	Comments
Processing Temperature	25.0 Â°C	77.0 Â°F	40 - 60 minute film cure
Gel Time	8.00 - 12.0 min @Temperature 25.0 Â°C	8.00 - 12.0 min @Temperature 77.0 Â°F	

## Contact Songhan Plastic Technology Co.,Ltd.

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