

Fibre Glast 1100 Light-Weight High-Strength Patching/Filler Compound

Category : Polymer , Thermoset , Epoxy , Cast, Unreinforced

Material Notes:

Product Features: Very Light Weight Material Non-Hazardous Product - Safe to Use Easily Sanded and Carved with Shop Tools Negligible Shrinkage Non-Critical, 2 to 1 Ratio by Weight or by Volume Excellent Non-Sag Properties - Even Upside Down Slightly Flexible Cure - Not Brittle in Thin Sections Excellent Adhesion to a Variety of Surfaces Stable Formula - No Separation of Components in Storage

Description: #1100 is a two-component paste epoxy patching and filler compound for foam, wood, fiberglass, and other surfaces. The mixed consistency of this system is very smooth and creamy, so it spreads easily, and can be splined to a feather edge without separation. It is a thixotropic, non-sag material that will remain in place in thick sections, even when applied upside down. The resin and hardener of this system are color coded for easy mixing. The resin is white and the hardener is brown, giving a good visual indication of complete mixing with a uniform tan color free of streaks. #1100 has special low density fillers incorporated into it that provide very distinct benefits. It is a very light material (4 pounds per gallon), and therefore contributes minimal added weight to the filled or repaired structure. Also, the cured material is very easy to sand, making the finished patch undetectable when covered or painted. There are no volatile ingredients in #1100, so the cured material will not outgas, which could cause a loss of adhesion of paint or coverings. #1100 is not corrosive to metals, and will not promote corrosion on these surfaces, so bond line stability and long term adhesion are excellent. #1100 is a non-toxic material. There are non hazardous or restricted raw materials in either the resin or hardener of this system. Information provided by Fibre Glast Developments Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fibre-Glast-1100-Light-Weight-High-Strength-PatchingFiller-Compound.php

Physical Properties	Metric	English	Comments
Density	0.490 g/cc	0.0177 lb/in ³	ASTM D1475
Water Absorption	<= 0.40 %	<= 0.40 %	ASTM D570

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	53	53	Cured; ASTM D2240
Compressive Yield Strength	14.87 MPa	2156 psi	ASTM D695

Processing Properties	Metric	English	Comments
Cure Time	120 - 180 min	2.00 - 3.00 hour	2 to 3 hours to shape at 77°F.
	300 - 360 min	5.00 - 6.00 hour	5 to 6 hours to send at 77°F.
	1440 min @Temperature 25.0 °C, Time 86400 sec	24.0 hour @Temperature 77.0 °F, Time 24.0 hour	24 hours to full cure at 77°F.
Pot Life	25 - 30 min	25 - 30 min	ASTM D2471

Gel Time	25.0 - 30.0 min	25.0 - 30.0 min	Value for 4 fl. oz.; ASTM D2471
Processing Properties	Metric	English	Comments

Descriptive Properties	Value	Comments
Color	Light Grayish-tan	
Mix Ratio	100:50	Resin:Hardener by Weight
	2:1	Resin:Hardener by Volume

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