



Kraftmark Company
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FabEpoxy™

Technical Data Sheet

Description: FabEpoxy is an epoxy based, 1:1 ratio, light weight, long worklife material created for use with SFF (Solid Freeform Fabrication) machines. It is formulated to produce a creamy paste consistency for easy dispensing using a standard deposition tool/syringe and nozzle set up. FabEpoxy is non sag, contains no solvents and will not shrink before during or after cure. After cure, it produces a hard and durable material that is easy to sand, carve, drill or machine. It will also accept paint and most other types of coatings.

Physical Properties @ 75°F/24°C

Mixed Color:	Tan
Shore "D" Hardness ASTM D2240:	65
Viscosity Resin:	Paste
Viscosity Hardener:	Paste
Density Resin:	7.59 lb./gallon
Density Hardener:	6.8 lb./gallon
Specific Gravity, Resin:	0.91
Specific Gravity, Hardener:	0.82
Tensile Strength:	610 psi
Elongation:	<6%
Compressive Strength:	20,000 psi
Maximum Use Temperature:	250°F

Mixing & Work Life: Mix slowly and carefully using a spatula to prevent the introduction of air. Keep off skin and clothing.

Mix Ratio by Weight or Volume (Resin/Hardener): 1/1

Work Life 100 gram Mass, Room Temp. (75°F): 2 - 3 Hours

ALLOW MINIMUM 24 HOURS at 75°F TO OBTAIN A HARD CURE.

IMPORTANT NOTICE: No warranty or representation is expressed or implied. Seller's only obligation shall be to replace quantity of this product which has proven to not substantially comply with the data presented. Seller shall not be liable for any property loss or damage, direct or consequential, arising out of the use of or the inability to use the product.

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