

## Engineered Syntactic Systems SF-30 Subsea Syntactic Void Filler

Category : Polymer , Thermoset , Epoxy

**Material Notes:**

SF-30 is a low cost, low density syntactic formulated to serve as a void filler for shallow water subsea applications. The material is provided as a three-part kit that is mixed and poured into any freeflood cavity or void. The mix is allowed to cure at room temperature to form a solid syntactic material that will withstand repeated ocean excursions to depths of 1,500 feet. The easily cast system is provided in three parts; two resin components and a solid filler. The two resin components are mixed together, followed by the glass bubble filler. When the three materials are uniformly mixed, the moderate viscosity combination may be poured into its desired location. Initial cure will occur over a twenty four hour period at ambient temperatures, (50°F - 90 °F), providing a solid, lightweight article which is ready for any secondary operation such as machining, finishing or painting. Full cure will take place after 7 – 10 days. The cured material will provide an average of 34 pounds of buoyancy per cubic foot in seawater.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Engineered-Syntactic-Systems-SF-30-Subsea-Syntactic-Void-Filler.php](http://www.lookpolymers.com/polymer_Engineered-Syntactic-Systems-SF-30-Subsea-Syntactic-Void-Filler.php)

Physical Properties	Metric	English	Comments
Density	<= 0.481 g/cc	<= 0.0174 lb/in <sup>3</sup>	
Water Absorption	<= 3.0 % @Time 86400 sec	<= 3.0 % @Time 24.0 hour	at 1500 ft.depth

Mechanical Properties	Metric	English	Comments
Compressive Strength	>= 14.5 MPa	>= 2100 psi	
Compressive Modulus	>= 0.896 GPa	>= 130 ksi	
Hydrostatic Design Basis	8.27 MPa	1200 psi	Hydrostatic Crush Strength (2700 feet)

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	from manufacture date

Descriptive Properties	Value	Comments
Color	White/Tan	

## 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