

Engineered Syntactic Systems PSF-42 Polyester Subsea Syntactic Void Filler

Category : Polymer , Thermoset , Polyester, TS

Material Notes:

PSF-42 was developed by Navy subcontractors for simple shipyard-based cavity pours of Naval vessels. This system may be used in any free-flood cavity or void, but is especially valuable in difficult-to-fill cavities and in circumstances where quick working time is required. The mix is a low viscosity, multicomponent, fast cure system that cures at room temperature to form a solid syntactic material that will easily perform at depths of 1,500 feet.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Engineered-Syntactic-Systems-PSF-42-Polyester-Subsea-Syntactic-Void-Filler.php

Physical Properties	Metric	English	Comments
Density	<= 0.705 g/cc	<= 0.0255 lb/in ³	
Water Absorption	<= 3.0 % @Time 86400 sec	<= 3.0 % @Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Compressive Strength	>= 27.6 MPa	>= 4000 psi	
Compressive Modulus	>= 1.72 GPa	>= 250 ksi	
Hydrostatic Design Basis	9.65 MPa	1400 psi	Hydrostatic Crush Strength (3200 feet)

Descriptive Properties	Value	Comments
Color	White/Tan	

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