

Trelleborg AEM Eccofloat® TG-34/7000 Syntactic Foam

Category : Polymer

Material Notes:

TG Grade syntactic foams are lightweight and economical for building manned and remote operating vehicles. The foams are also used to manufacture mine neutralization systems because of their zero magnetic and sea-water comparable acoustic signatures. These composite foams provide ultra low densities by selecting only the highest specification hollow glass microspheres, called Eccospheres®, and combining them within a rigid, high strength resin system. The syntactic foam is typically cast into blocks and then is used to prepare large buoyancy modules that can be readily shaped to conform to hull contours and outfitted for installation in the forward and aft free-flood areas of submarines. All information provided by Trelleborg AEM.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-AEM-Eccofloat-TG-347000-Syntactic-Foam.php

Physical Properties	Metric	English	Comments
Density	0.545 g/cc	0.0197 lb/in ³	

Mechanical Properties	Metric	English	Comments
Compressive Strength	70.078 MPa	10164 psi	Service Pressure

Descriptive Properties	Value	Comments
Service Depth	22,900 FSW	Depth Below Sea Level - Feet
	7000 MSW	Depth Below Sea Level - Meters

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