

CMT Materials HYTAC® C Castable Syntactic Tooling

Category : Polymer , Thermoset , Epoxy

Material Notes:

HYTAC-C is a one-part castable product in the HYTAC family of syntactics. This product is available as an uncured, single component mixture that may be poured or cast into a wide variety of shapes and sizes. Provided in 1-gallon containers, the pre-mixed syntactic flows smoothly into any tool or cavity. After curing, the product exhibits the same properties found in CMT's HYTAC-W: Low Thermal Conductivity and Specific Heat Dimensional Stable Excellent Temperature Resistance to 355°F Lightweight Easily Machined Applications: HYTAC-C is shipped as a single component, liquid syntactic material that may be poured or cast at a customer site into any tool or cavity. While this material is temperature-sensitive and requires special handling, it is often a viable alternative to extensive machining of plug shapes.

Contact CMT to discuss your application needs. Information Provided by CMT Materials, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CMT-Materials-HYTAC-C-Castable-Syntactic-Tooling.php

Physical Properties	Metric	English	Comments
Density	0.705 g/cc	0.0255 lb/in ³	

Mechanical Properties	Metric	English	Comments
Compressive Strength	55.2 MPa	8000 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	30.6 $\mu\text{m}/\text{m}\cdot\text{°C}$	17.0 $\mu\text{in}/\text{in}\cdot\text{°F}$	
Thermal Conductivity	0.180 W/m-K	1.25 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	177 °C	350 °F	

Descriptive Properties	Value	Comments
Color	White	

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