

Pyrotek Pyrotherm TF-19 Lightweight, non-RCF insulation board for ovens, furnaces, kilns and vessels

Category : Ceramic

Material Notes:

Pyrotherm TF-19 is a high-temperature board providing high strength and excellent workability. It is composed of mineral fiber and selected mineral additives. Applications Pot cradle insulation (for Alcoa A-697 pots) Precipitators Dryers Ducts and breeching Utility boilers Furnaces Kilns Advantages Excellent mechanical strength in non-fired condition Refractory ceramic fiber free Low thermal conductivity Use of large-size boards to reduce labor costs Material can be cut quickly by hand with knife or saw for fabrication and application on the job Information provided by Pyrotek.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pyrotek-Pyrotherm-TF-19-Lightweight-non-RCF-insulation-board-for-ovens-furnaces-kilns-and-vessels.php

Physical Properties	Metric	English	Comments
Density	0.296 g/cc	0.0107 lb/in ³	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.000660 GPa	0.0957 ksi	
Compressive Strength	0.230 MPa	33.4 psi	non-fired at 10% compressions

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0700 W/m-K	0.486 BTU-in/hr-ft ² -°F	
	@Temperature 260 °C	@Temperature 500 °F	
	0.0900 W/m-K	0.625 BTU-in/hr-ft ² -°F	
	@Temperature 371 °C	@Temperature 700 °F	
	0.120 W/m-K	0.833 BTU-in/hr-ft ² -°F	
	@Temperature 482 °C	@Temperature 900 °F	
Maximum Service Temperature, Air	1038 °C	1900 °F	
Shrinkage	<= 2.50 %	<= 2.50 %	
	@Temperature 1038 °C, Time 86400 sec	@Temperature 1900 °F, Time 24.0 hour	

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