

Thermal Ceramics Pyro-Bloc R T-Bar Module

Category : Ceramic , Oxide , Silicon Oxide

Material Notes:

Features: Monolithic, edge-grained ceramic fiber module Available in uncompressed densities from 8 to 15 pcf (128 - 240 kg/m³) Easy access attachment allows quick installation over coated shells Installation techniques guarantee high on-the-wall densities Applications: Process heaters Heat transfer furnaces Ethylene furnaces Fume incinerators All furnace linings requiring protective barrier against shell Information provided by Thermal Ceramics Data has not been recently verified. Please contact manufacturer for current information.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Thermal-Ceramics-Pyro-Bloc-R-T-Bar-Module.php

Physical Properties	Metric	English	Comments
Density	0.128 g/cc	0.00462 lb/in ³	Available in multiple densities from manufacturer
	0.160 g/cc	0.00578 lb/in ³	Available in multiple densities from manufacturer
	0.192 g/cc	0.00694 lb/in ³	Available in multiple densities from manufacturer
	0.240 g/cc	0.00867 lb/in ³	Available in multiple densities from manufacturer
Thickness	3000 - 12000 microns	118 - 472 mil	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0706 W/m-K	0.490 BTU-in/hr-ft ² -°F	15 pcf; ASTM C201
	@Temperature 260 °C	@Temperature 500 °F	
	0.0720 W/m-K	0.500 BTU-in/hr-ft ² -°F	12 pcf; ASTM C201
	@Temperature 260 °C	@Temperature 500 °F	
	0.0749 W/m-K	0.520 BTU-in/hr-ft ² -°F	10 pcf; ASTM C201
	@Temperature 260 °C	@Temperature 500 °F	
	0.0764 W/m-K	0.530 BTU-in/hr-ft ² -°F	8 pcf; ASTM C201
	@Temperature 260 °C	@Temperature 500 °F	
0.121 W/m-K	0.840 BTU-in/hr-ft ² -°F	15 pcf; ASTM C201	
@Temperature 538 °C	@Temperature 1000 °F		
0.138 W/m-K	0.960 BTU-in/hr-ft ² -°F	12 pcf; ASTM C201	
@Temperature 538 °C	@Temperature 1000 °F		
0.150 W/m-K	1.04 BTU-in/hr-ft ² -°F	10 pcf; ASTM C201	

Thermal Properties	@Temperature 538 °C Metric	@Temperature 1000 °F English	Comments
	0.163 W/m-K	1.13 BTU-in/hr-ft ² -°F	8 pcf; ASTM C201
	@Temperature 538 °C	@Temperature 1000 °F	
	0.206 W/m-K	1.43 BTU-in/hr-ft ² -°F	15 pcf; ASTM C201
	@Temperature 816 °C	@Temperature 1500 °F	
	0.239 W/m-K	1.66 BTU-in/hr-ft ² -°F	12 pcf; ASTM C201
	@Temperature 816 °C	@Temperature 1500 °F	
	0.261 W/m-K	1.81 BTU-in/hr-ft ² -°F	10 pcf; ASTM C201
	@Temperature 816 °C	@Temperature 1500 °F	
	0.284 W/m-K	1.97 BTU-in/hr-ft ² -°F	8 pcf; ASTM C201
	@Temperature 816 °C	@Temperature 1500 °F	
	0.316 W/m-K	2.19 BTU-in/hr-ft ² -°F	15 pcf; ASTM C201
	@Temperature 1090 °C	@Temperature 2000 °F	
	0.353 W/m-K	2.45 BTU-in/hr-ft ² -°F	12 pcf; ASTM C201
	@Temperature 1090 °C	@Temperature 2000 °F	
	0.388 W/m-K	2.69 BTU-in/hr-ft ² -°F	10 pcf; ASTM C201
	@Temperature 1090 °C	@Temperature 2000 °F	
	0.425 W/m-K	2.95 BTU-in/hr-ft ² -°F	8 pcf; ASTM C201
	@Temperature 1090 °C	@Temperature 2000 °F	
Melting Point	1760 °C	3200 °F	
Maximum Service Temperature, Air	1200 °C	2200 °F	Continuous
	1320 °C	2400 °F	Rating

Component Elements Properties	Metric	English	Comments
Al2O3	47 %	47 %	
SiO2	53 %	53 %	

Descriptive Properties	Value	Comments
Other Element Content	traces	

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