

Sharadaa Ceramics VELECRETE RC 104 Rodding Castables

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Description: The Rodding Castables offered by us are user friendly in nature and does not require high energy mixing machines and vibrators. Free flowing in nature, these castables are designed in compliance with international standards. Bond: Ultrafine Aggregate: Cal. Bauxite Type of Setting: Hydraulic Information provided by Sharadaa Ceramics Pvt. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sharadaa-Ceramics-VELECRETE-RC-104-Rodding-Castables.php

Physical Properties	Metric	English	Comments
Bulk Density	2.80 g/cc	0.101 lb/in ³	After Drying at 110 ^o C
Porosity	16 - 18 % @Temperature 1300 ^o C	16 - 18 % @Temperature 2370 ^o F	
Grain Size	<= 10000 ^o µm	<= 10000 ^o µm	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.0180 GPa @Temperature 1000 ^o C	2.61 ksi @Temperature 1830 ^o F	Cold
	0.0200 GPa @Temperature 1100 ^o C	2.90 ksi @Temperature 2010 ^o F	Hot
	0.0240 GPa @Temperature 1400 ^o C	3.48 ksi @Temperature 2550 ^o F	Cold
	0.0240 GPa @Temperature 110 ^o C	3.48 ksi @Temperature 230 ^o F	Cold
Compressive Strength	90.0 MPa @Temperature 1000 ^o C	13100 psi @Temperature 1830 ^o F	Cold Crushing
	120 MPa @Temperature 110 ^o C	17400 psi @Temperature 230 ^o F	Cold Crushing
	120 MPa @Temperature 1400 ^o C	17400 psi @Temperature 2550 ^o F	Cold Crushing

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.74 W/m-K	12.1 BTU-in/hr-ftÂ²- Â°F	Hot Face
	@Temperature 600 Â°C	@Temperature 1110 Â°F	
Maximum Service Temperature, Air	1600 Â°C	2910 Â°F	

Component Elements Properties	Metric	English	Comments
Al2O3	77 %	77 %	
Fe2O3	1.5 %	1.5 %	

Descriptive Properties	Value	Comments
Permanent Linear Change	<-0.5%	1600Â°C
Thermal Expansion	1.1	at 1100Â°C
Thermal Shock Resistance	Excellent	

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