

Gouda Vuurvast VIBRON 160 H GS (R) Dense Vibrating Refractory Castable

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

Description: Vibron 160 H GS (R) is a pumpable low cement castable based on high fired high alumina grog and characterized by a high strength and good thermal shock-, corrosion- and abrasion resistance. Because of special additives, this low cement castable is special suited for a faster heating schedule. Remarks: Indicated values apply to vibrated products. Information provided by Gouda Vuurvast.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gouda-Vuurvast-VIBRON-160-H-GS-R-Dense-Vibrating-Refractory-Castable.php

Physical Properties	Metric	English	Comments
Bulk Density	2.55 - 2.65 g/cc	0.0921 - 0.0957 lb/in ³	After drying at 110 ^o C
Particle Size	<= 6000 μ m	<= 6000 μ m	Grain Size

Mechanical Properties	Metric	English	Comments
Compressive Strength	75.0 - 85.0 MPa	10900 - 12300 psi	Cold Crushing Strength
	@Temperature 100 ^o C	@Temperature 212 ^o F	
Compressive Strength	90.0 - 110 MPa	13100 - 16000 psi	Cold Crushing Strength
	@Temperature 1400 ^o C	@Temperature 2550 ^o F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.33 - 1.43 W/m-K	9.23 - 9.92 BTU-in/hr-ft ² - ^o F	
	@Temperature 100 ^o C	@Temperature 212 ^o F	
	1.35 - 1.45 W/m-K	9.37 - 10.1 BTU-in/hr-ft ² - ^o F	
	@Temperature 600 ^o C	@Temperature 1110 ^o F	
	1.45 - 1.55 W/m-K	10.1 - 10.8 BTU-in/hr-ft ² - ^o F	
	@Temperature 1400 ^o C	@Temperature 2550 ^o F	
Maximum Service Temperature, Air	1600 ^o C	2910 ^o F	
Shrinkage	-0.400 - 0.400 %	-0.400 - 0.400 %	Permanent Linear Change
	@Temperature 1400 ^o C	@Temperature 2550 ^o F	

Component Elements Properties	Metric	English	Comments
Al2O3	61 %	61 %	
Fe2O3	1.0 %	1.0 %	
SiO2	35 %	35 %	

Descriptive Properties	Value	Comments
Material Consumption per 1 m3	2550 kg	
Mixing Water	5-6 liters	per 100 kgs dry material

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