

Gouda Vuurvast VIBRON 135 Dense Vibrating Refractory Castable

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Description: Vibron 135 is a vibrating castable, specially fit for the production of prefab elements. The very low cement content (1%) and the abrasion resistant spinel grains give this material exceptional properties. 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-135-Dense-Vibrating-Refractory-Castable.php

Physical Properties	Metric	English	Comments
Bulk Density	2.80 - 2.90 g/cc	0.101 - 0.105 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	55.0 - 65.0 MPa	7980 - 9430 psi	Cold Crushing Strength
	@Temperature 100 ^o C	@Temperature 212 ^o F	
Compressive Strength	85.0 - 95.0 MPa	12300 - 13800 psi	Cold Crushing Strength
	@Temperature 1300 ^o C	@Temperature 2370 ^o F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.65 - 1.85 W/m-K	11.5 - 12.8 BTU-in/hr-ft ² - ^o F	
	@Temperature 100 ^o C	@Temperature 212 ^o F	
	1.65 - 1.85 W/m-K	11.5 - 12.8 BTU-in/hr-ft ² - ^o F	
	@Temperature 600 ^o C	@Temperature 1110 ^o F	
Thermal Conductivity	1.75 - 1.95 W/m-K	12.1 - 13.5 BTU-in/hr-ft ² - ^o F	
	@Temperature 1300 ^o C	@Temperature 2370 ^o F	
Maximum Service Temperature, Air	1350 ^o C	2460 ^o F	
Shrinkage	-0.300 - 0.300 %	-0.300 - 0.300 %	Permanent Linear Change
	@Temperature 1300 ^o C	@Temperature 2370 ^o F	

Component Elements Properties	Metric	English	Comments
Al2O3	78 %	78 %	
Fe2O3	1.0 %	1.0 %	
SiO2	5.0 %	5.0 %	

Descriptive Properties	Value	Comments
Material Consumption per 1 m3	2800 kg	
Mixing Water	4-4.5 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