

Gouda Vuurvast VIBRON 130 Dense Vibrating Refractory Castable

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Description: Vibron 130 is a vibrating castable with a low cement content, based on abrasion resistant spinel grains. 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-130-Dense-Vibrating-Refractory-Castable.php

Physical Properties	Metric	English	Comments
Bulk Density	2.75 - 2.85 g/cc	0.0994 - 0.103 lb/in ³	After drying at 110Â°C
Particle Size	<= 6000 Âµm	<= 6000 Âµm	Grain Size

Mechanical Properties	Metric	English	Comments
Compressive Strength	65.0 - 75.0 MPa	9430 - 10900 psi	Cold Crushing Strength
	@Temperature 100 Â°C	@Temperature 212 Â°F	
	100 - 120 MPa	14500 - 17400 psi	Cold Crushing Strength
	@Temperature 1300 Â°C	@Temperature 2370 Â°F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.65 - 1.85 W/m-K	11.5 - 12.8 BTU-in/hr-ftÂ²-Â°F	
	@Temperature 100 Â°C	@Temperature 212 Â°F	
	1.65 - 1.85 W/m-K	11.5 - 12.8 BTU-in/hr-ftÂ²-Â°F	
	@Temperature 600 Â°C	@Temperature 1110 Â°F	
	1.70 - 1.90 W/m-K	11.8 - 13.2 BTU-in/hr-ftÂ²-Â°F	
	@Temperature 1300 Â°C	@Temperature 2370 Â°F	
Maximum Service Temperature, Air	1300 Â°C	2370 Â°F	
Shrinkage	-0.200 - 0.200 %	-0.200 - 0.200 %	Permanent Linear Change
	@Temperature 1300 Â°C	@Temperature 2370 Â°F	

Component Elements Properties	Metric	English	Comments
-------------------------------	--------	---------	----------

Al2O3 Component Elements Properties	75 % Metric	75 % English	Comments
Fe2O3	1.0 %	1.0 %	
SiO2	8.0 %	8.0 %	

Descriptive Properties	Value	Comments
Material Consumption per 1 m3	2750 kg	
Mixing Water	4.5-5 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