

Gouda Vuurvast GOLITE MW Refractory Insulating Castable

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

Description: Golite MW (medium weight) is composed of a light weight refractory aggregate plus several additives to improve the mechanical properties. Remarks: These values apply to cast products. Also available in gunning variety, marked "GM". Information provided by Gouda Vuurvast.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gouda-Vuurvast-GOLITE-MW-Refractory-Insulating-Castable.php

Physical Properties	Metric	English	Comments
Bulk Density	1.30 - 1.40 g/cc	0.0470 - 0.0506 lb/in ³	After drying at 110°C
Particle Size	<= 4000 µm	<= 4000 µm	Grain Size

Mechanical Properties	Metric	English	Comments
Compressive Strength	5.00 - 9.00 MPa	725 - 1310 psi	Cold Crushing Strength
	@Temperature 1000 °C	@Temperature 1830 °F	
	8.00 - 12.0 MPa	1160 - 1740 psi	Cold Crushing Strength
	@Temperature 100 °C	@Temperature 212 °F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.320 - 0.420 W/m-K	2.22 - 2.91 BTU-in/hr-ft ² -°F	
	@Temperature 100 °C	@Temperature 212 °F	
	0.350 - 0.450 W/m-K	2.43 - 3.12 BTU-in/hr-ft ² -°F	
	@Temperature 600 °C	@Temperature 1110 °F	
	0.380 - 0.480 W/m-K	2.64 - 3.33 BTU-in/hr-ft ² -°F	
	@Temperature 1000 °C	@Temperature 1830 °F	
Maximum Service Temperature, Air	1100 °C	2010 °F	
Shrinkage	-0.400 - 0.400 %	-0.400 - 0.400 %	Permanent Linear Change
	@Temperature 1000 °C	@Temperature 1830 °F	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	22 %	22 %	

<small>SiO2</small> Component Elements Properties	<small>53 %</small> Metric	<small>53 %</small> English	Comments
Descriptive Properties			
		Value	Comments
Material Consumption per 1 m3		1280 kg	
Mixing Water		23-27 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