

Gouda Vuurvast GOLITE 125 Refractory Insulating Castable

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

Description: This insulating castable is characterized by a good mechanical strength and thermal shock resistance. Remarks: These values apply to cast products. Also available in gunning variety, marked "GM". Other modifications are available on demand. Information provided by Gouda Vuurvast.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gouda-Vuurvast-GOLITE-125-Refractory-Insulating-Castable.php

Physical Properties	Metric	English	Comments
Bulk Density	1.45 - 1.55 g/cc	0.0524 - 0.0560 lb/in ³	After drying at 110 ^o C
Particle Size	<= 4000 μ m	<= 4000 μ m	Grain Size

Mechanical Properties	Metric	English	Comments
Compressive Strength	13.0 - 19.0 MPa	1890 - 2760 psi	Cold Crushing Strength
	@Temperature 1000 \AA ^o C	@Temperature 1830 \AA ^o F	
Compressive Strength	17.0 - 23.0 MPa	2470 - 3340 psi	Cold Crushing Strength
	@Temperature 100 \AA ^o C	@Temperature 212 \AA ^o F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.350 - 0.450 W/m-K	2.43 - 3.12 BTU-in/hr-ft ² - \AA ^o F	
	@Temperature 100 \AA ^o C	@Temperature 212 \AA ^o F	
Thermal Conductivity	0.400 - 0.500 W/m-K	2.78 - 3.47 BTU-in/hr-ft ² - \AA ^o F	
	@Temperature 600 \AA ^o C	@Temperature 1110 \AA ^o F	
Thermal Conductivity	0.430 - 0.530 W/m-K	2.98 - 3.68 BTU-in/hr-ft ² - \AA ^o F	
	@Temperature 1000 \AA ^o C	@Temperature 1830 \AA ^o F	
Maximum Service Temperature, Air	1250 \AA ^o C	2280 \AA ^o F	
Shrinkage	-0.400 - 0.400 %	-0.400 - 0.400 %	Permanent Linear Change
	@Temperature 1000 \AA ^o C	@Temperature 1830 \AA ^o F	

Component Elements Properties	Metric	English	Comments
Al2O3	30 %	30 %	
SiO2	51 %	51 %	

Descriptive Properties	Value	Comments
ASTM Classification	Q	
Material Consumption per 1 m3	1430 kg	
Mixing Water	18-22 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