

Gouda Vuurvast GOLITE 125 R Refractory Insulating Castable

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

Description: Golite 125 R has a low Fe₂O₃ content and a very low density. Commonly used in reducing conditions in the petrochemical industry. 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-125-R-Refractory-Insulating-Castable.php

Physical Properties	Metric	English	Comments
Bulk Density	0.810 - 0.890 g/cc	0.0293 - 0.0322 lb/in ³	After drying at 110 ^o C
Particle Size	<= 5000 μ m	<= 5000 μ m	Grain Size

Mechanical Properties	Metric	English	Comments
Compressive Strength	1.20 - 1.80 MPa	174 - 261 psi	Cold Crushing Strength
	@Temperature 1000 $\text{\AA}^{\circ}$ C	@Temperature 1830 $\text{\AA}^{\circ}$ F	
	1.70 - 2.30 MPa	247 - 334 psi	Cold Crushing Strength
	@Temperature 100 $\text{\AA}^{\circ}$ C	@Temperature 212 $\text{\AA}^{\circ}$ F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.190 - 0.270 W/m-K	1.32 - 1.87 BTU-in/hr-ft ² - $\text{\AA}^{\circ}$ F	
	@Temperature 100 $\text{\AA}^{\circ}$ C	@Temperature 212 $\text{\AA}^{\circ}$ F	
	0.230 - 0.310 W/m-K	1.60 - 2.15 BTU-in/hr-ft ² - $\text{\AA}^{\circ}$ F	
	@Temperature 600 $\text{\AA}^{\circ}$ C	@Temperature 1110 $\text{\AA}^{\circ}$ F	
	0.250 - 0.330 W/m-K	1.74 - 2.29 BTU-in/hr-ft ² - $\text{\AA}^{\circ}$ F	
	@Temperature 1000 $\text{\AA}^{\circ}$ C	@Temperature 1830 $\text{\AA}^{\circ}$ F	
Maximum Service Temperature, Air	1250 $\text{\AA}^{\circ}$ C	2280 $\text{\AA}^{\circ}$ F	
Shrinkage	-0.400 - 0.400 %	-0.400 - 0.400 %	Permanent Linear Change
	@Temperature 1000 $\text{\AA}^{\circ}$ C	@Temperature 1830 $\text{\AA}^{\circ}$ F	

Component Elements Properties	Metric	English	Comments
Al2O3	33 %	33 %	
Fe2O3	1.0 %	1.0 %	
SiO2	55 %	55 %	

Descriptive Properties	Value	Comments
ASTM Classification	Q	
Material Consumption per 1 m3	780 kg	
Mixing Water	45-55 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