

Gouda Vuurvast GOLITE 1.2.4. Mix Refractory Insulating Castable

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

Description: This lightweight castable is composed of 1 part cement, 2 parts light weight grains and 4 parts vermiculite. Special additives provide for higher strength and less shrinkage. 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-124-Mix-Refractory-Insulating-Castable.php

Physical Properties	Metric	English	Comments
Bulk Density	1.00 - 1.10 g/cc	0.0361 - 0.0397 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	1.50 - 2.50 MPa	218 - 363 psi	Cold Crushing Strength
	@Temperature 1000 $\text{\AA}^{\circ}\text{C}$	@Temperature 1830 $\text{\AA}^{\circ}\text{F}$	
	2.50 - 3.50 MPa	363 - 508 psi	Cold Crushing Strength
	@Temperature 100 $\text{\AA}^{\circ}\text{C}$	@Temperature 212 $\text{\AA}^{\circ}\text{F}$	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.220 - 0.300 W/m-K	1.53 - 2.08 BTU-in/hr-ft ² - $\text{\AA}^{\circ}\text{F}$	
	@Temperature 100 $\text{\AA}^{\circ}\text{C}$	@Temperature 212 $\text{\AA}^{\circ}\text{F}$	
	0.250 - 0.330 W/m-K	1.74 - 2.29 BTU-in/hr-ft ² - $\text{\AA}^{\circ}\text{F}$	
	@Temperature 600 $\text{\AA}^{\circ}\text{C}$	@Temperature 1110 $\text{\AA}^{\circ}\text{F}$	
	0.280 - 0.360 W/m-K	1.94 - 2.50 BTU-in/hr-ft ² - $\text{\AA}^{\circ}\text{F}$	
	@Temperature 1000 $\text{\AA}^{\circ}\text{C}$	@Temperature 1830 $\text{\AA}^{\circ}\text{F}$	
Maximum Service Temperature, Air	1100 $\text{\AA}^{\circ}\text{C}$	2010 $\text{\AA}^{\circ}\text{F}$	
Shrinkage	-0.800 - 0.400 %	-0.800 - 0.400 %	Permanent Linear Change
	@Temperature 1000 $\text{\AA}^{\circ}\text{C}$	@Temperature 1830 $\text{\AA}^{\circ}\text{F}$	

Component Elements Properties	Metric	English	Comments
Al2O3	27 %	27 %	
SiO2	47 %	47 %	

Descriptive Properties	Value	Comments
ASTM Classification	0	
Material Consumption per 1 m3	950 kg	
Mixing Water	32-38 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