

Gouda Vuurvast CURON 165 GM Dense Refractory Castable

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

Description: Curon 165 GM is based on bauxite and very pure chamotte grog. It has very good thermal shock resistance and a low firing shrinkage. Remarks: These values apply to cast products. 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-CURON-165-GM-Dense-Refractory-Castable.php

Physical Properties	Metric	English	Comments
Bulk Density	2.30 - 2.40 g/cc	0.0831 - 0.0867 lb/in ³	After drying at 110°C
Particle Size	<= 5000 µm	<= 5000 µm	Grain Size

Mechanical Properties	Metric	English	Comments
Compressive Strength	20.0 - 30.0 MPa	2900 - 4350 psi	Cold Crushing Strength
	@Temperature 1300 °C	@Temperature 2370 °F	
	35.0 - 45.0 MPa	5080 - 6530 psi	Cold Crushing Strength
	@Temperature 100 °C	@Temperature 212 °F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.630 - 0.730 W/m-K	4.37 - 5.07 BTU-in/hr-ft ² -°F	
	@Temperature 100 °C	@Temperature 212 °F	
	0.700 - 0.800 W/m-K	4.86 - 5.55 BTU-in/hr-ft ² -°F	
	@Temperature 600 °C	@Temperature 1110 °F	
	0.810 - 0.910 W/m-K	5.62 - 6.32 BTU-in/hr-ft ² -°F	
	@Temperature 1300 °C	@Temperature 2370 °F	
Maximum Service Temperature, Air	1650 °C	3000 °F	
Shrinkage	-1.50 - 1.50 %	-1.50 - 1.50 %	Permanent Linear Change
	@Temperature 1300 °C	@Temperature 2370 °F	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	62 %	62 %	

Component Elements Properties	Metric	English	Comments
SiO2	30 %	30 %	

Descriptive Properties	Value	Comments
ASTM Classification	E	
Material Consumption per 1 m3	2300 kg	

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