

Gouda Vuurvast CURON 150 RN Dense Refractory Castable

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Description: This on sintered bauxite and low-iron alumina cement based castable contains stainless steel fibers, what results in a very good mechanical strength. Remarks: These values apply to cast products. Information provided by Gouda Vuurvast.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gouda-Vuurvast-CURON-150-RN-Dense-Refractory-Castable.php

Physical Properties	Metric	English	Comments
Bulk Density	2.55 - 2.65 g/cc	0.0921 - 0.0957 lb/in ³	After drying at 110 ^o C
Particle Size	<= 6000 μ m	<= 6000 μ m	Grain Size

Mechanical Properties	Metric	English	Comments
Compressive Strength	40.0 - 50.0 MPa	5800 - 7250 psi	Cold Crushing Strength
	@Temperature 1000 \AA °C	@Temperature 1830 \AA °F	
Compressive Strength	65.0 - 75.0 MPa	9430 - 10900 psi	Cold Crushing Strength
	@Temperature 100 \AA °C	@Temperature 212 \AA °F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.770 - 0.870 W/m-K	5.34 - 6.04 BTU-in/hr-ft ² - \AA °F	
	@Temperature 100 \AA °C	@Temperature 212 \AA °F	
Thermal Conductivity	0.820 - 0.920 W/m-K	5.69 - 6.38 BTU-in/hr-ft ² - \AA °F	
	@Temperature 600 \AA °C	@Temperature 1110 \AA °F	
Thermal Conductivity	0.870 - 0.970 W/m-K	6.04 - 6.73 BTU-in/hr-ft ² - \AA °F	
	@Temperature 1000 \AA °C	@Temperature 1830 \AA °F	
Maximum Service Temperature, Air	1500 \AA °C	2730 \AA °F	
Shrinkage	-0.500 - 1.50 %	-0.500 - 1.50 %	Permanent Linear Change
	@Temperature 1000 \AA °C	@Temperature 1830 \AA °F	

Component Elements Properties	Metric	English	Comments

AI203 Component Elements Properties	81 % Metric	81 % English	Comments
Fe2O3	<= 1.0 %	<= 1.0 %	
SiO2	8.0 %	8.0 %	

Descriptive Properties	Value	Comments
ASTM Classification	D	
Material Consumption per 1 m3	2550 kg	
Mixing Water	10-12 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