

Gouda Vuurvast CURAS 85 PD REPAIR Moldable Refractory Material

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Description: Curas 85 PD Repair is a phosphate bonded moldable based on sintered bauxite. It has been specially developed for aluminum melting and holding furnaces. However, it can be applied on any location that needs repair with a highly refractory material that has high strength over the full temperature range. Curas 85 PD Repair is supplied as a dry powder and has to be mixed with potable water to the required consistency. Remarks: The stated chemical composition and physical properties represent average values. Information provided by Gouda Vuurvast.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gouda-Vuurvast-CURAS-85-PD-REPAIR-Moldable-Refractory-Material.php

Physical Properties	Metric	English	Comments
Bulk Density	2.70 - 2.80 g/cc	0.0975 - 0.101 lb/in ³	After drying at 110 ^o C

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.850 - 0.950 W/m-K	5.90 - 6.59 BTU-in/hr-ft ² - ^o F	
	@Temperature 100 ^o C	@Temperature 212 ^o F	
	0.930 - 1.13 W/m-K	6.45 - 7.84 BTU-in/hr-ft ² - ^o F	
	@Temperature 600 ^o C	@Temperature 1110 ^o F	
	1.23 - 1.43 W/m-K	8.54 - 9.92 BTU-in/hr-ft ² - ^o F	
	@Temperature 1300 ^o C	@Temperature 2370 ^o F	
Maximum Service Temperature, Air	1600 ^o C	2910 ^o F	
Shrinkage	-0.200 - 0.200 %	-0.200 - 0.200 %	Permanent Linear Change
	@Temperature 1300 ^o C	@Temperature 2370 ^o F	

Component Elements Properties	Metric	English	Comments
Al2O3	82 %	82 %	
SiO2	13 %	13 %	

Descriptive Properties	Value	Comments
Bonding Type	chemical/ceramic	

Material Consumption per 1 m3 Descriptive Properties	2700 kg Value	Comments
Mixing Water	5-7 liters	per 100 kgs dry material
Segeccone	37	

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