

Gouda Vuurvast CURAS 90 Moldable Refractory Material

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Description: This high refractory ramming material contains several well defined corundum qualities and only a small quantity of binding agent. Curas 90 has a very good resistance against erosion and corrosion. It's specially applied in electric arc furnace roofs. 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-90-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	2.30 - 2.40 W/m-K	16.0 - 16.7 BTU-in/hr-ft ² - ^o F	
	@Temperature 100 ^o C	@Temperature 212 ^o F	
	2.35 - 2.45 W/m-K	16.3 - 17.0 BTU-in/hr-ft ² - ^o F	
	@Temperature 1600 ^o C	@Temperature 2910 ^o F	
	2.45 - 2.55 W/m-K	17.0 - 17.7 BTU-in/hr-ft ² - ^o F	
	@Temperature 600 ^o C	@Temperature 1110 ^o F	
Maximum Service Temperature, Air	1760 ^o C	3200 ^o F	
Shrinkage	-1.20 - 0.800 %	-1.20 - 0.800 %	Permanent Linear Change
	@Temperature 1600 ^o C	@Temperature 2910 ^o F	

Component Elements Properties	Metric	English	Comments
Al2O3	91 %	91 %	
Fe2O3	0.30 %	0.30 %	
SiO2	7.0 %	7.0 %	

Descriptive Properties	Value	Comments
Bonding Type	ceramic	
Material Consumption per 1 m3	2900 kg	

Descriptive Properties	Value	Comments
Workability	20-25%	ASTM C181-176

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