

## Gouda Vuurvast CURAS 90 PF REPAIR Moldable Refractory Material

Category : Ceramic , Oxide , Aluminum Oxide

### Material Notes:

Description: Curas 90 PF Repair ramming mix is especially developed for repairing purposes of Curas 90 PF linings. The product is supplied in two components: a dry powder and a liquid. Detailed instructions for use are available. 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-PF-REPAIR-Moldable-Refractory-Material.php](http://www.lookpolymers.com/polymer_Gouda-Vuurvast-CURAS-90-PF-REPAIR-Moldable-Refractory-Material.php)

Physical Properties	Metric	English	Comments
Bulk Density	2.90 - 3.00 g/cc	0.105 - 0.108 lb/in <sup>3</sup>	After drying at 110 <sup>o</sup> C

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.19 - 1.39 W/m-K	8.26 - 9.65 BTU-in/hr-ft <sup>2</sup> - <sup>o</sup> F	
	@Temperature 1600 <sup>o</sup> C	@Temperature 2910 <sup>o</sup> F	
	1.23 - 1.43 W/m-K	8.54 - 9.92 BTU-in/hr-ft <sup>2</sup> - <sup>o</sup> F	
	@Temperature 600 <sup>o</sup> C	@Temperature 1110 <sup>o</sup> F	
	1.25 - 1.45 W/m-K	8.68 - 10.1 BTU-in/hr-ft <sup>2</sup> - <sup>o</sup> F	
	@Temperature 100 <sup>o</sup> C	@Temperature 212 <sup>o</sup> F	
Maximum Service Temperature, Air	1850 <sup>o</sup> C	3360 <sup>o</sup> F	

Component Elements Properties	Metric	English	Comments
Al2O3	90 %	90 %	
Fe2O3	0.15 %	0.15 %	
P2O5	3.0 %	3.0 %	
SiO2	6.0 %	6.0 %	

Descriptive Properties	Value	Comments
Bonding Type	chemical/ceramic	
Material Consumption per 1 m3	2900 kg	
Segercone	40	

Descriptive Properties	Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China