

## Gouda Vuurvast CURON 150 HS GM Dense Refractory Castable

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

### Material Notes:

Description: Curon 150 HS GM is an abrasion resistant gunning castable for use up to 1500Å°C. 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-HS-GM-Dense-Refractory-Castable.php](http://www.lookpolymers.com/polymer_Gouda-Vuurvast-CURON-150-HS-GM-Dense-Refractory-Castable.php)

Physical Properties	Metric	English	Comments
Bulk Density	2.15 - 2.25 g/cc	0.0777 - 0.0813 lb/inÅ³	After drying at 110Å°C
Particle Size	<= 4000 Åµm	<= 4000 Åµm	Grain Size

Mechanical Properties	Metric	English	Comments
Compressive Strength	25.0 - 35.0 MPa	3630 - 5080 psi	Cold Crushing Strength
	@Temperature 1300 Å°C	@Temperature 2370 Å°F	
	45.0 - 55.0 MPa	6530 - 7980 psi	Cold Crushing Strength
	@Temperature 100 Å°C	@Temperature 212 Å°F	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.490 - 0.590 W/m-K	3.40 - 4.09 BTU-in/hr-ftÅ²-Å°F	
	@Temperature 100 Å°C	@Temperature 212 Å°F	
	0.550 - 0.650 W/m-K	3.82 - 4.51 BTU-in/hr-ftÅ²-Å°F	
	@Temperature 600 Å°C	@Temperature 1110 Å°F	
	0.650 - 0.750 W/m-K	4.51 - 5.20 BTU-in/hr-ftÅ²-Å°F	
	@Temperature 1300 Å°C	@Temperature 2370 Å°F	
Maximum Service Temperature, Air	1500 Å°C	2730 Å°F	
Shrinkage	-0.400 - 0.400 %	-0.400 - 0.400 %	Permanent Linear Change
	@Temperature 1300 Å°C	@Temperature 2370 Å°F	

Component Elements Properties	Metric	English	Comments
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AI2O3 Component Elements Properties	50 % Metric	50 % English	Comments
Fe2O3	<= 2.0 %	<= 2.0 %	
SiO2	42 %	42 %	

Descriptive Properties	Value	Comments
ASTM Classification	D	
Material Consumption per 1 m3	2150 kg	

## 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