

Chosun Refractories GUN-80L Light-Weight Gunning Castable

Category : Ceramic

Material Notes:

Information provided by Chosun Refractories via Korea Institute of Ceramic Engineering and Technology (KICET).

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chosun-Refractories-GUN-80L-Light-Weight-Gunning-Castable.php

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	2.41e-7 - 0.00147 GPa	0.0000349 - 0.213 ksi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	0.0006867 - 0.0014715 GPa	0.09960 - 0.21343 ksi	
	@Temperature 500 °C, Time 10800 sec	@Temperature 932 °F, Time 3.00 hour	
Compressive Strength	1.47 - 2.94 MPa	213 - 427 psi	Cold Crushing Strength
	@Temperature 500 °C, Time 10800 sec	@Temperature 932 °F, Time 3.00 hour	
	2.94 - 4.41 MPa	427 - 640 psi	Cold Crushing Strength
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.233 W/m-K	1.61 BTU-in/hr-ft ² -°F	
	@Temperature 260 °C	@Temperature 500 °F	
	0.3722 W/m-K	2.579 BTU-in/hr-ft ² -°F	
	@Temperature 540 °C	@Temperature 1000 °F	
Maximum Service Temperature, Air	800 °C	1470 °F	limited
Shrinkage	-0.600 %	-0.600 %	
	@Temperature 500 °C, Time 10800 sec	@Temperature 932 °F, Time 3.00 hour	
	-0.200 %	-0.200 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Descriptive Properties	Value	Comments
Installation Method	Gunning	

Descriptive Properties	Value	Comments
Material Required for Estimating (kg/?)	1,000	
Water Required for Casting(%)	Nozzle Mixing	

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