

Chosun Refractories GUN-120L 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-120L-Light-Weight-Gunning-Castable.php

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	1.92e-7 - 0.00118 GPa	0.0000279 - 0.171 ksi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	0.0007848 - 0.0017658 GPa	0.1138 - 0.25611 ksi	
	@Temperature 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	
Compressive Strength	1.77 - 3.43 MPa	256 - 498 psi	Cold Crushing Strength
	@Temperature 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	
	2.45 - 3.92 MPa	356 - 569 psi	Cold Crushing Strength
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.349 W/m-K	2.42 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	
	0.3955 W/m-K	2.740 BTU-in/hr-ft ² -°F	
	@Temperature 800 °C	@Temperature 1470 °F	
Maximum Service Temperature, Air	1200 °C	2190 °F	limited
Shrinkage	-0.600 %	-0.600 %	
	@Temperature 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	
	-0.100 %	-0.100 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	34 %	34 %	
SiO2	47 %	47 %	

Descriptive Properties	Value	Comments
Installation Method	Gunning	
Main Applications	General Uses	
Material Required for Estimating (kg/?)	1,300	
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