

## Chosun Refractories APC-100G Acid-proof Castable

Category : Ceramic , Oxide , Silicon Oxide

### 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-APC-100G-Acid-proof-Castable.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-APC-100G-Acid-proof-Castable.php)

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.006867 GPa	0.9960 ksi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	0.007848 GPa	1.138 ksi	
	@Temperature 500 °C, Time 10800 sec	@Temperature 932 °F, Time 3.00 hour	
Compressive Strength	24.5 MPa	3560 psi	Cold Crushing Strength
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	27.5 MPa	3980 psi	Cold Crushing Strength
	@Temperature 500 °C, Time 10800 sec	@Temperature 932 °F, Time 3.00 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1000 °C	1830 °F	limited
Shrinkage	-0.300 %	-0.300 %	
	@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	

Component Elements Properties	Metric	English	Comments
Al2O3	18 %	18 %	
SiO2	69 %	69 %	

Descriptive Properties	Value	Comments
Installation Method	Spray	

Main Applications Descriptive Properties	Chemical Plant Value	Comments
Material Required for Estimating (kg/?)	2,200	

## Contact Songhan Plastic Technology Co.,Ltd.

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