

## Chosun Refractories PCT-AM-1 Monolithic Refractories for Ladle and Tundish

Category : Ceramic , Oxide , Aluminum 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-PCT-AM-1-Monolithic-Refractories-for-Ladle-and-Tundish.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-PCT-AM-1-Monolithic-Refractories-for-Ladle-and-Tundish.php)

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.01128 GPa	1.636 ksi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	0.01619 GPa	2.348 ksi	
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
	0.017658 GPa	2.5611 ksi	
	@Temperature 1500 °C, Time 10800 sec	@Temperature 2730 °F, Time 3.00 hour	

Thermal Properties	Metric	English	Comments
Shrinkage	-0.630 %	-0.630 %	
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
	-0.400 %	-0.400 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	90 %	90 %	
MgO	4.5 %	4.5 %	

Descriptive Properties	Value	Comments
Installation Method	Troweling	
Material Required for Estimating (kg/?)	2,800	
Water Required for Casting(%)	7.5	

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