

## Pyrotek M-13 Compressible/Insulating Boards

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

**Material Notes:**

Applications High temperature gaskets Non-conductive insulation Lid gaskets Advantages Durable Resistant to chemical attack Excellent mechanical strength Low air permeability Information provided by Pyrotek.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Pyrotek-M-13-CompressibleInsulating-Boards.php](http://www.lookpolymers.com/polymer_Pyrotek-M-13-CompressibleInsulating-Boards.php)

Physical Properties	Metric	English	Comments
Density	0.192 - 0.384 g/cc	0.00694 - 0.0139 lb/in <sup>3</sup>	
Loss On Ignition	2.0 - 5.0 %	2.0 - 5.0 %	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0800 W/m-K	0.555 BTU-in/hr-ft <sup>2</sup> -°F	
	@Temperature 315 °C	@Temperature 599 °F	
	0.110 W/m-K	0.763 BTU-in/hr-ft <sup>2</sup> -°F	
	@Temperature 535 °C	@Temperature 995 °F	
	0.140 W/m-K	0.972 BTU-in/hr-ft <sup>2</sup> -°F	
	@Temperature 870 °C	@Temperature 1600 °F	
Maximum Service Temperature, Air	1315 °C	2399 °F	Continuous

Component Elements Properties	Metric	English	Comments
Al2O3	46 %	46 %	
SiO2	54 %	54 %	

## 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