

## BNZ Materials Super Blakbond Mortar

Category : Ceramic , Oxide , Silicon Oxide

### Material Notes:

Super Blakbond is an air-setting mortar for general purpose plant use. It has greater air-setting strength than Blakbond or No. 2986. It is good for insulating fire brick where greater bond strength is desired, and can also be used for dense fire brick. Super Blakbond is particularly good for deep patching. It is also used for coating over industrial boiler tubes to level the surface and for shallow patching. The overall excellent properties of Super Blakbond make it ideal for the one mortar to carry in plant inventory. Temperature to 3000°F. An excellent choice for the one mortar on a job involving dense fire brick and insulating fire brick. Information provided by BNZ Materials Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BNZ-Materials-Super-Blakbond-Mortar.php](http://www.lookpolymers.com/polymer_BNZ-Materials-Super-Blakbond-Mortar.php)

Physical Properties	Metric	English	Comments
Bulk Density	1.99 g/cc	0.0718 lb/in <sup>3</sup>	Dipping, 4% H2O
	2.02 g/cc	0.0729 lb/in <sup>3</sup>	As received

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.00259 GPa	0.376 ksi	Dipped Joint; ASTM C198
	0.0290 GPa	4.21 ksi	Mortar

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1650 °C	3000 °F	
Shrinkage	4.3 %	4.3 %	Permanent Linear Change at Use Limit

Component Elements Properties	Metric	English	Comments
Al2O3	43.2 %	43.2 %	
CaO	0.30 %	0.30 %	
Fe2O3	1.2 %	1.2 %	
K2O	0.80 %	0.80 %	
Loss on Ignition(%)	1.8 %	1.8 %	
Na2O	2.4 %	2.4 %	
SiO2	48.8 %	48.8 %	
TiO2	1.5 %	1.5 %	

## **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**