

## Zircar Refractory Composites RSBL-SOL6 Silica-Magnesia Blanket

Category : Ceramic , Oxide , Magnesium Oxide , Silicon Oxide

### Material Notes:

ZIRCAR Refractory Composites, Inc. insulating blankets are non woven, inorganic, fiber-based products that contain no asbestos. They are engineered for use as thermal barrier materials in high temperature applications up to 1260°C (2300°F). Commonly used in the molten metal casting and heat treating industries, ZRCI materials are also used as specialty gasketing in the fuel cell, nuclear, glass and electronic industries, as well as many other applications which require high temperature stability and low thermal conductivity. They also offer excellent corrosion resistance and unique handling strength for easy die-cutting, wrapping and forming. Information provided by ZIRCAR Refractory Composites, Inc. (ZRCI)

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Zircar-Refractory-Composites-RSBL-SOL6-Silica-Magnesia-Blanket.php](http://www.lookpolymers.com/polymer_Zircar-Refractory-Composites-RSBL-SOL6-Silica-Magnesia-Blanket.php)

Physical Properties	Metric	English	Comments
Density	0.0900 g/cc	0.00325 lb/in <sup>3</sup>	
Filament Diameter	3.0 - 5.0 µm	3.0 - 5.0 µm	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	0.0350 MPa	5.08 psi	

Thermal Properties	Metric	English	Comments
Melting Point	>= 1500 °C	>= 2730 °F	
Maximum Service Temperature, Air	1260 °C	2300 °F	
Shrinkage	2.10 %	2.10 %	
	@Temperature 760 °C, Time 86400 sec	@Temperature 1400 °F, Time 24.0 hour	
	2.80 %	2.80 %	
	@Temperature 1100 °C, Time 86400 sec	@Temperature 2010 °F, Time 24.0 hour	
	6.00 %	6.00 %	
	@Temperature 1300 °C, Time 86400 sec	@Temperature 2370 °F, Time 24.0 hour	

Component Elements Properties	Metric	English	Comments
MgO	19 - 26 %	19 - 26 %	
Other	0.00 - 4.0 %	0.00 - 4.0 %	

Component Elements Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Color		Bluish White	

## Contact Songhan Plastic Technology Co.,Ltd.

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