

Zircar Refractory Composites RS-DM Refractory Sheet

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

TYPE RS-DM Sheet is a moldable form of Type RS-D with a higher density than obtainable from Refractory Sheet Type RS-DA. Type RS-DM is ideally suited for fabricating complex shapes from a flat sheet product for use in metal clad electric band and strip heaters. Information provided by ZIRCAR Refractory Composites, Inc. (ZRCI)

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zircar-Refractory-Composites-RS-DM-Refractory-Sheet.php

Physical Properties	Metric	English	Comments
Density	2.08 g/cc	0.0751 lb/in ³	after drying @ 100°C
	2.32 g/cc	0.0838 lb/in ³	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	0.250 J/g-°C	0.0598 BTU/lb-°F	
Melting Point	1815 °C	3299 °F	
Maximum Service Temperature, Air	1200 °C	2190 °F	
Shrinkage	10.0 % @Temperature 100 °C	10.0 % @Temperature 212 °F	thickness shrinkage on drying

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	90 %	90 %	
Other	<= 1.0 %	<= 1.0 %	
SiO ₂	10 %	10 %	

Processing Properties	Metric	English	Comments
Moisture Content	20 %	20 %	

Descriptive Properties	Value	Comments
Color	White	

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