

Zircar Refractory Composites RS-ZIRGUARD ZIRCONIA COATING

Category : Ceramic , Oxide , Zirconium Oxide

Material Notes:

ZRCI Zirconium Oxide Coating Type RS-ZIRGUARD is a cream colored, water based paint of Zirconium Oxide (ZrO₂). It is produced using high-purity, partially stabilized Zirconium Oxide (4 wt% CaO). It provides a high purity ceramic coating with utility to 1900°C (3452°F). It exhibits high chemical resistance and excellent release properties. Type RS-ZIRGUARD produces a hard, abrasion and chemical resistant coating that protects all ceramic bodies against most molten metals and corrosive environments, protecting them from spalling, dusting, and chemical attack. Type RS-ZIRGUARD may be applied to soft or fibrous structures to produce a more wear resistant surface layer which is also resistant to most high temperature reactions which may degrade the ceramic. Information provided by ZIRCAR Refractory Composites, Inc. (ZRCI)

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zircar-Refractory-Composites-RS-ZIRGUARD-ZIRCONIA-COATING.php

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1900 °C	3450 °F	

Component Elements Properties	Metric	English	Comments
Other	10 %	10 %	
ZrO ₂	90 %	90 %	

Processing Properties	Metric	English	Comments
Shelf Life	3.00 Month	3.00 Month	

Descriptive Properties	Value	Comments
Color	Cream	
Coverage, ft ²	100-400	

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