

Zircar Refractory Composites SI-HARD SILICA RIGIDIZER HARDENER

Category : Ceramic , Oxide , Silicon Oxide

Material Notes:

ZRCI SI-HARD Rigidizer Hardener is a alkaline, aqueous dispersion of colloidal silica at 50% concentration. The dispersed silica is present as amorphous spheres, 100 nanometers in size. The silica present is non-agglomerated and is completely dispersed. There is no mixing or dilution required. The particles carry a slightly negative charge and have a large surface-to-weight ratio. It is used for rigidizing and hardening the surfaces of ZIRCAR ceramic textile, papers and blankets. It also is ideal as a coating agent and binder. Information provided by ZIRCAR Refractory Composites, Inc. (ZRCI)

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zircar-Refractory-Composites-SI-HARD-SILICA-RIGIDIZER-HARDENER.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	
pH	9.0	9.0	
Viscosity	15 cP	15 cP	

Component Elements Properties	Metric	English	Comments
Na2O	0.12 %	0.12 %	
SiO2	50 %	50 %	

Descriptive Properties	Value	Comments
Color	White	
Stabilizing Ion	Ammonium	

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