Advanced Fibrous Ceramics

Buster Alumina Rigidizer
High Purity Alumina Colloid

Zircar Buster Alumina Rigidizer is formulated for the surface hardening of all alumina fiber products and for use in the fabrication of alumina composites from Zircar textiles and other advanced materials. Buster Rigidizer is a colloid of high purity aluminum oxide in a water base. The liquid formulation when applied to various materials increases density, hardens surfaces, helps resist material erosion, and can bind materials together. Buster Alumina Rigidizer has high temperature stability and is usable in multiple atmospheres.

The water based rigidizer, when mixed, has the consistency of a low viscosity house paint. The low pH should not be increased or the rigidizer will gel and be difficult to apply and penetrate.



Properties & Characteristics

Properties (Nominal)	
Melting Point, °C (°F) [1]	2050 (3722)
Specific Gravity	1.18
pH	4.2
Alumina Purity, %	99
Alumina Content of Liquid, %	20

[1] Melting point is dependent on variables such as the chemical environment and stresses; both thermal and mechanical.

Standard Product Sizes & Ordering

Please contact our Sales Department for pricing and availability.

To Place an Order

Call: 845-651-3040
email: sales@zircarzirconia.com
store: www.zircarzirconia.com/store

Buster Alumina Rigidizer

Size	Item Number
1 Pint	GC010
1 Quart	GC011

Zircar Zirconia, Inc.
87 Meadow Road
P.O. Box 287
Florida, New York 10921

Phone: (845) 651-3040
Email: sales@zircarzirconia.com
website: www.zircarzirconia.com
store: www.zircarzirconia.com/store