

China-Yixing Longly Refractories Shelf Corundum-Mullite

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Products with high-purity fused alumina and fused mullite for raw materials, the use of high-tonnage press repression, from ultra-high-temperature sintering; high-purity, the main phase (or corundum mullite) high erosion-resistant, anti-erosion; high-temperature conditions, particularly excellent cross-bending and anti-broken; efficient thermal conductivity and mechanical load power, chemical stability, performance, good thermal shock resistance, excellent creep resistance, long service life; more cost-effective, is the preferred burning kiln furniture for electronic kiln of firing process. Widely used in chemical, ceramics, electronic and magnetic materials of high-temperature furnace. Application: Ceramics. Information Provided by China Yixing Longly Refractories Co. Ltd

Order this product through the following link:

http://www.lookpolymers.com/polymer_China-Yixing-Longly-Refractories-Shelf-Corundum-Mullite.php

Physical Properties	Metric	English	Comments
Bulk Density	>= 2.95 g/cc	>= 0.107 lb/in ³	
Porosity	>= 15.2 %	>= 15.2 %	Apparent

Mechanical Properties	Metric	English	Comments
Flexural Strength	>= 36.0 MPa	>= 5220 psi	high temp bending
	>= 128 MPa	>= 18600 psi	cold bending
Compressive Strength	>= 120 MPa	>= 17400 psi	Ambient

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	>= 1750 °C	>= 3180 °F	

Component Elements Properties	Metric	English	Comments
Al2O3	>= 90.1 %	>= 90.1 %	
Fe2O3	<= 0.060 %	<= 0.060 %	
SiO2	<= 8.6 %	<= 8.6 %	

Descriptive Properties	Value	Comments
Refractoriness (°C)	>1650	Under load temperature, 0.2 MPa, 0.6%

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