

China-Yixing Longly Refractories Seggar Corundum-Mullite

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Our company's production of a variety of corundum mullite push slab (moved plate), corundum-mullite seggar, corundum mullite corrugated board and other kinds of the kiln furniture, high refractoriness, thermal shock stability (Temperature-resistance degeneration urgency), high temperature strength, excellent corrosion resistance, anti-permeability slag strong, expansion coefficient of small, low creep, no chipping, not creaking easily, the use of stability, is the ideal tool to use high-temperature kilns furniture, to adapt to a variety atmosphere of conditions, in the use of high-temperature furnace; widely used in 95, 99 alumina ceramic and zirconia ceramic and fluorescent materials, powder metallurgy, electronic ceramics, magnetic materials, ceramic powders of high-temperature sintering. Applications: For alumina ceramic zirconia ceramic, fluorescent materials, such as high-temperature sintering. 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-Seggar-Corundum-Mullite.php

Physical Properties	Metric	English	Comments
Bulk Density	>= 2.70 g/cc	>= 0.0975 lb/in ³	
Porosity	>= 17.2 %	>= 17.2 %	Apparent

Mechanical Properties	Metric	English	Comments
Flexural Strength	30.0 MPa	4350 psi	high temp bending
	>= 100 MPa	>= 14500 psi	cold bending
Compressive Strength	>= 95.0 MPa	>= 13800 psi	Ambient

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

Component Elements Properties	Metric	English	Comments
Al2O3	>= 88.5 %	>= 88.5 %	
Fe2O3	<= 0.050 %	<= 0.050 %	
SiO2	<= 10.6 %	<= 10.6 %	

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

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