

China-Yixing Longly Refractories Push Slab 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-Push-Slab-Corundum-Mullite.php

Physical Properties	Metric	English	Comments
Bulk Density	$\geq 2.80 \text{ g/cc}$	$\geq 0.101 \text{ lb/in}^3$	
Porosity	$\geq 16.8 \%$	$\geq 16.8 \%$	Apparent

Mechanical Properties	Metric	English	Comments
Flexural Strength	33.0 MPa	4790 psi	high temp bending
	$\geq 112 \text{ MPa}$	$\geq 16200 \text{ psi}$	cold bending
Compressive Strength	$\geq 103 \text{ MPa}$	$\geq 14900 \text{ psi}$	Ambient

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	$\geq 1750 \text{ }^{\circ}\text{C}$	$\geq 3180 \text{ }^{\circ}\text{F}$	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	$\geq 88.9 \%$	$\geq 88.9 \%$	
Fe ₂ O ₃	$\leq 0.060 \%$	$\leq 0.060 \%$	
SiO ₂	$\leq 10.2 \%$	$\leq 10.2 \%$	

Descriptive Properties	Value	Comments
Refractoriness ($^{\circ}\text{C}$)	>1650	Under load temperature, 0.2 MPa, 0.6%

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