

China-Yixing Longly Refractories Push Slab Semi-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 ceramic powders, electronic ceramics, powder metallurgy, magnetic 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-Semi-Corundum-Mullite.php

Physical Properties	Metric	English	Comments
Bulk Density	≥ 2.60 g/cc	≥ 0.0939 lb/in ³	
Porosity	≥ 18.5 %	≥ 18.5 %	Apparent

Mechanical Properties	Metric	English	Comments
Flexural Strength	26.0 MPa	3770 psi	high temp bending
	≥ 95.0 MPa	≥ 13800 psi	cold bending
Compressive Strength	≥ 82.0 MPa	≥ 11900 psi	Ambient

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	≥ 1450 °C	≥ 2640 °F	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	≥ 80.9 %	≥ 80.9 %	
Fe ₂ O ₃	≤ 0.30 %	≤ 0.30 %	
SiO ₂	≤ 17.9 %	≤ 17.9 %	

Descriptive Properties	Value	Comments
Refractoriness (°C)	>1400	Under load temperature, 0.2 MPa, 0.6%

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