



Fused Mullite

Description

YUEXING's Fused Mullite is manufactured by smelting high-purity industrial alumina and silicon raw materials at high temperature in an electric arc furnace, followed by cooling and crystallization, and then crushing and removing magnetic impurities in a high-intensity magnetic separator.

Product Features

- High purity
- High bulk density
- Well-developed acicular crystals
- Excellent corrosion resistance
- Creep resistance
- Thermal shock stability

Applications

- Toughened mullite fine ceramics
- High temperature hot stove
- Automotive spark plugs
- Cement rotary kiln
- Glass smelting furnace
- Kiln furniture

Physicochemical Characteristics

Product	Chemical Composition(%)				Bulk Density (g/cm ³)	Refractoriness (°C)	Granularity
	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	Na ₂ O			
Fused Mullite	70 — 77	22 — 29	≤ 0.20	≤ 0.40	≥ 2.90	≥ 1850	0-20 mm 20-1000 mesh
Low Sodium Fused Mullite	70 — 77	22 — 29	≤ 0.20	≤ 0.20	≥ 2.90	≥ 1850	0-20 mm 20-1000 mesh
Ultra-Low Sodium Fused Mullite	70 — 77	22 — 29	≤ 0.20	≤ 0.10	≥ 2.90	≥ 1850	0-20 mm 20-1000 mesh

Note: Products can be customized based on specific customer requirements.