



White Fused Mullite

Description

YUEXING's White Fused Mullite is manufactured by smelting high-purity industrial alumina and silicon raw materials at high temperature in an electric arc furnace. After cooling and crystallization, it needs to be further crushed and processed into granular material using a special smelting process.

Product Features

- White appearance
- Higher purity
- Better-developed acicular crystals
- Enhanced creep resistance
- Thermal shock resistance

Applications

- Sprue slide plate
- Steel ladle working lining
- Glass smelting furnace
- High-performance kiln furniture
- Carbon black reactor lining
- Electronic ceramics

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			
White Fused Mullite	70 — 77	22 — 29	≤ 0.20	≤ 0.40	≥ 2.90	≥ 1850	0-20 mm 20-1000 mesh
Low Sodium White Fused Mullite	70 — 77	22 — 29	≤ 0.20	≤ 0.20	≥ 2.90	≥ 1850	0-20 mm 20-1000 mesh
Ultra-Low Sodium White 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.