



Fused Zirconia Mullite

Description

YUEXING's Fused Zirconia Mullite is manufactured by smelting industrial alumina (purity over 98.5%) and zircon concentrate ($ZrO_2+HfO_2 \geq 65.00\%$) at high temperature in an electric arc furnace.

Product Features

- Excellent mechanical strength
- Erosion resistance
- Thermal shock resistance
- High temperature volume stability

Applications

- Submerged nozzle/Long nozzle
- Sliding nozzle
- Glass smelting furnace
- High performance kiln furniture
- Thermocouple protective shell
- Hazardous waste incinerator

Physicochemical Characteristics

Product	Product Model	Chemical Composition(%)					Bulk Density (g/cm^3)	Apparent Porosity (%)	Granularity
		Al_2O_3	ZrO_2	SiO_2	Fe_2O_3	Na_2O			
Fused Zirconia Mullite	ZM-33	42-49	≥ 33	16-20	≤ 0.25	≤ 0.30	≥ 3.50	≤ 5	0-20 mm 20-1000 mesh
	ZM-34	42-49	≥ 34	16-20	≤ 0.25	≤ 0.30	≥ 3.50	≤ 5	0-20 mm 20-1000 mesh
	ZM-35	42-49	≥ 35	16-20	≤ 0.25	≤ 0.30	≥ 3.50	≤ 5	0-20 mm 20-1000 mesh

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