



Fused Stable Zirconia

Description

YUEXING's Fused Stable Zirconia is manufactured by smelting high-purity zirconia and stabilizers at high temperature in an electric arc furnace.

Product Features

- Excellent abrasion resistance
- Mechanical strength
- Corrosion resistance
- Thermal shock stability
- High temperature volume stability

Applications

- Sizing nozzle
- Sliding plate
- Long nozzle
- Crucible
- Ceramic screener
- Electronic sintering plate

Physicochemical Characteristics

Product	Product Model	Chemical Composition(%)								Granularity
		ZrO ₂	CaO	Fe ₂ O ₃	TiO ₂	SiO ₂	Al ₂ O ₃	MgO	Y ₂ O ₃	
Fused Calcia Stabilized Zirconia	PSZ-C	≥ 94.00	3.0-5.0	≤ 0.10	≤ 0.30	≤ 0.40	≤ 0.30	≤ 0.10	—	0-20 mm 20-1000 mesh
Fused Yttria Stabilized Zirconia	PSZ-Y	≥ 90.00	≤ 0.2	≤ 0.15	≤ 0.30	≤ 0.45	≤ 0.40	≤ 0.10	3.0-8.0	0-20 mm 20-1000 mesh
Fused Calcia-Yttria Stabilized Zirconia	PSZ-CY	≥ 93.00	1.0-3.0	≤ 0.15	≤ 0.30	≤ 0.45	≤ 0.40	≤ 0.10	2.0-4.5	0-20 mm 20-1000 mesh

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