Meihekou Yuexing
Grinding Wheel Special Refractories Co., Ltd.
AN ISO 9001 CERTIFIED COMPANY

Fused Magnesia-Alumina Spinel

Description

YUEXING's Fused Magnesia-Alumina Spinel is manufactured by smelting industrial alumina (≥98.50%) and light calcined magnesia (≥96.00%) at high temperature in an electric arc furnace.

Product Features

- Well-developed crystals
- Excellent erosion resistance
- Chemical corrosion resistance
- Structural stability
- High temperature volume stability
- Low thermal conductivity

Applications

- Ladle bricks
- Long nozzle
- Cement kiln transition zone lining
- Glass melting furnace
- High-temperature kiln furniture
- Refractory castable

Physicochemical Characteristics

Product	Product Model	Chemical Composition(%)					Bulk Density (g/cm^3)	Granularity
		Al_2O_3	MgO	Al_2O_3+MgO	SiO_2	Fe_2O_3		
High Grade Fused Mg-Al Spinel	A60	⩾ 60	30-40	⩾ 98	⩽ 0.60	⩽ 0.40	⩾ 3.20	0-20 mm 20-1000 mesh
	A70	⩾ 70	20-30	⩾ 98	⩽ 0.50	⩽ 0.40	⩾ 3.20	0-20 mm 20-1000 mesh
	A80	⩾ 80	10-20	⩾ 98	⩽ 0.40	⩽ 0.30	⩾ 3.20	0-20 mm 20-1000 mesh
	A90	⩾ 90	5-10	⩾ 98	⩽ 0.30	⩽ 0.20	⩾ 3.20	0-20 mm 20-1000 mesh
Medium Grade Fused Mg-Al Spinel	-	40-58	36-55	⩾ 90	⩽ 6.0	⩽ 1.5	⩾ 3.20	0-20 mm 20-1000 mesh

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

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