



Fused Fe-Mg-Al Spinel

Description

Fused Fe-Mg-Al Spinel is a new type of functional material independently developed by our company. It is manufactured by smelting industrial alumina, magnesia, and ferric oxide at high temperature in an electric arc furnace.

Product Features

- Excellent flexible
- Fracture toughness
- Erosion resistance
- Thermal shock resistance

Applications

- Lime kiln
- Non-ferrous metallurgical furnace
- Rotary cement kiln clinkering zone (chromium-free)
- Rotary cement kiln transition zone (chromium-free)

Physicochemical Characteristics

Product	Chemical Composition(%)					Bulk Density (g/cm ³)	Granularity
	Al ₂ O ₃	MgO	SiO ₂	Fe ₂ O ₃	CaO		
Fused Fe-Mg-Al Spinel	35 — 39	33 — 37	<1.40	24-28	<1.70	≥ 3.50	0-20 mm 20-1000 mesh

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