



CERALOX[®] MAGNESIUM ALUMINATE SPINEL

Typical CHEMICAL ANALYSIS

MgO·Al ₂ O ₃ Typical Purity	Trace Impurities, ppm			
	Na	Si	Fe	Ca
>99.99%	25	25	8	15

Typical PHYSICAL PROPERTIES

	Spinel DBM AF	Spinel DBM
Median Particle Diameter, D-50, μm:	0.75	0.75
Surface Area, m²/g:	14	12
Powder Form:	Dry ball milled/ Agglomerate-Free	Dry ball milled
Primary Crystalline Phase:	Magnesium aluminate Spinel	Magnesium aluminate Spinel

METHODOLOGY

Chemical Analysis: Inductively Coupled Argon Plasma
 Particle Size Distribution: Laser Diffraction
 Surface Area: B.E.T.
 Physical Properties: Spinel products contain 1:1 mole ratio of MgO·Al₂O₃. Spinel phase confirmed by X-ray diffraction.