



CERALOX[®]

AHPA Magnesium Aluminate Spinel

Preliminary Data CHEMICAL ANALYSIS

AHPA Product	Trace Impurities, ppm			
	Na	Si	Fe	Ca
>99.99%	<15	<25	<15	<15

Preliminary data PHYSICAL PROPERTIES

	AHPA Spinel AF	AHPA Spinel
Median Particle Diameter, D-50, μm :	0.7	35
Surface Area*, m^2/g :	<10	<10
Powder Form:	Milled	Unmilled
Primary Crystalline Phase:	Magnesium Aluminate Spinel	Magnesium Aluminate Spinel

*Surface area can be tailored to customer specified target; min order applies

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 $\text{MgO} \cdot \text{Al}_2\text{O}_3$. Spinel phase confirmed by X-ray diffraction.