



A formulation of Magnesia/Alumina Spinel (Schmelzspinnell) and Reactive Alumina

A formulation of stoichiometric magnesia-alumina spinel combined with a low soda reactive alumina.

Major phases identified by X-Ray Diffraction as corundum with lesser quantities of magnesia-alumina spinel.

Specifically designed for use in the production of Low and Ultra-Low Cement Castable Monolithic Refractories.

Particle Size Analysis (Sedigraph)

$d_{90}$  = ca. 10 $\mu$ m

$d_{50}$  = ca. 1.8 $\mu$ m

$d_{10}$  = ca. 0.5 $\mu$ m

Size distribution is multi-modal.

## Chemical Analysis

Oxide	%
SiO <sub>2</sub>	0.05
Al <sub>2</sub> O <sub>3</sub>	91.0
Fe <sub>2</sub> O <sub>3</sub>	0.06
CaO	0.1
MgO	8.0
Na <sub>2</sub> O	0.15

Free metallic iron levels are below 0.01%

## Physical Properties

Powder Density 1.5 g.cm<sup>-3</sup>

Surface Area (BET) ca. 4 m<sup>2</sup>g<sup>-1</sup>

Description: white free-flowing powder.

## Packaging Options

25 kg net plastic sacks wrapped on a wooden pallet of 1200 kgs.



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