

All technical data presented represent typical results, unless stated otherwise as min/max values. No guarantee is made that material will meet exactly the values shown.

CerMagFC70

Electrofused Magnesia derived from an optimum blend of synthetic sea-water derived magnesia and natural Magnesite.

This material has been derived for the Technical Ceramic industry with closely controlled parameters of chemistry and micronisation.

Typical Particle Size Distribution	
100%	< 70 micron
d ₉₀ Average	ca. 40 - 50 microns
d ₅₀ Average	ca. 10 - 15 microns

Analysed by Sedigraph in Glycol medium.

(Other size distributions are available and subject to the same degree of control)

Typical Chemical Analysis

Oxide	%
SiO ₂	0,2
Al ₂ O ₃	0,1
Fe ₂ O ₃	0,1
CaO	0,8
B ₂ O ₃	0,005
MgO	98,8

Physical Properties

Fired Colour :	Off white/cream
Bulk Density before micronisation:	between 3.45 and 3.53 gcm ⁻³
Melting Point:	Greater than 2700°C
Activity (Citric Acid method)	3?0"-4?45"

Surface Area (BET)	Typically $1\text{m}^2\text{g}^{-1}$
Packaging	25 kg paper sacks with PE liner wrapped on a wooden pallet of 1200 kgs net.

Application: Advanced ceramics, Specialty materials

Product type: Consumables, Chemicals

Production scale: Lab, Pilot, Commercial

Search tags: Refractory, Raw material, Magnesium oxide, Fused, MgO