

Barite 1EXT

Product Specifications

Natural, ultra fine barium sulphate manufactured from high purity and whiteness baryte.

Raw Material

Local Quarries.

Chemical Properties

BaSO ₄	Density (ISO 787-10)	> 95 %	4,38 gr/cm ³
SiO ₂	Hardness	< 0,2 %	3,25 Moh's
Fe ₂ O ₃	Refractive Index	< 0,1 %	1,64
CaO		< 1,5 %	
Al ₂ O ₃		< 0,1 %	

Physical Properties

General Properties

Brightness (Ry, DIN 53163) Elrepho 450X	> 90 %
Moisture-Ex.works (ISO 787-2)	< 0,1 %
pH (ISO 787-9)	8,9
Oil Absorption (ISO 787-5)	15 g/100 g
Packed Bulk Density (ISO 787-11)	1,9 g/ml
Packing	40 kg kraft paper bags as bulk in 1000 kg big bags

Main Applications

- Paint
 - Oil, solvent based paints
 - Static powder paints
- Chemicals
 - Adhesives
 - Insulation Materials

Particle Size Distribution

d50 (mean particle size)	2 µm
d98 (top-cut)	8 µm
Under 2 µm particles	50 %

Residue on 45 µm sieve (ISO 787-7) < 0,01 %