

TALC 5X

Product Specifications

Natural, ultra fine talcum powder manufactured from high purity and whiteness talc mineral.

Raw Material

EGYPTIAN Quarry.

Chemical Properties

MgO	30 %
SiO ₂	60 %
Fe ₂ O ₃	0,2 %
CaO	0,5 %

Physical Properties

Density (ISO 787-10)	2,78 gr/cm ³
Hardness	1 Mohs
Refractive Index	1,57

General Properties

Lightness, L* (ASTM E-313) Elrepho 450X min.	97 %
Brightness (Ry, DIN 53163) Elrepho 450X min.	93 %
Moisture-Ex.works (ISO 787-2) max.	0,3 %
pH (ISO 787-9)	8,5
Oil Absorption (ISO 787-5)	38 g/100 g
Packed Bulk Density (ISO 787-11)	0,75 g/ml

Main Applications

Paint, paper, plastic, rubber, chemicals, ceramic , adhesives, insulation materials ...etc.

Packaging

20 kg kraft paper bags.

Particle Size Distribution

Sympatec Helos Particle Size Analysis
U1612

d50 (mean particle size) max.	13 µm
d97 (top-cut) max.	45 µm
Under 2 µm particles min.	8 %
Residue on 45 µm sieve (ISO 787-7) max.	1 %

