

ASCOM T10

DESCRIPTION & APPLICATIONS

ASCOM T10 is a **talc powder** with chemical formula of $Mg_3Si_4O_{10}(OH)_2$.

have a low loss on ignition and a low iron content. Suitable for such applications where highest brightness is required.

Applications:

Paints, Ceramics, Paints & Coating, Cosmetics, Fertilizers, Cables, paper, Pharmaceuticals, Plastics, Body powder, TiO₂-spacer, whiteness booster of coatings and excellent anti block agent.

Standard Packaging:

20, 25 kg bag

Jumbo bag

Physical Properties (typical)

Whiteness:	
Brightness Ry (DIN 53163)	93 %
Refractive Index	1.57
Mohs Hardness	1
pH (ISO 787/9)	9 Max.
Oil absorption (ISO 787/5)	35 g/100g
Moisture	0.2% Max
Bulk Density	0.3 ± 0.03 gm/cm ³

Chemical Analysis (typical)

SiO ₂	55 %
MgO	33 %
CaO	0.6 %
Al ₂ O ₃	0.5 %
Fe ₂ O ₃	0.5 %
Na ₂ O	0.2 %
L.O.I	9 -11 %

General Product Data (typical)

D98	10 ± 1 μm
D50	2.5 ± 0.5 μm

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PARTICLE SIZE DISTRIBUTION (Sedigraph)

