Atlas Petro
PETROCHEMICAL SUPPLIER

Talc Powder

TECHNICAL DATA SHEET OF TALC

DESCRIPTION

Talc is a soft, lamellar inert mineral, which occurs typically as magnesium silicate. The Talc grades exhibit good purity and chemical stability.

USES

These properties typically render the Talc B grades an ideal carrier and functional extender in cosmetics and pharmaceuticals. Further applications include high performance paints and coatings, thermoplastic polymers, waxes, and slip agents.

TYPICAL CHEMICAL & PHYSICAL ANALYSIS: - (I.P./B.P./U.S.P.)

	Property / Attribute	Specification
	Appearance	Fine free flowing powder free from visual Contamination
1	Fineness (mesh)	200-700
2	Brightness /Whiteness	80-99.9 %
3	SiO2	60.1%
4	Oil Absorption	35% (Linseed Oil)
5	Fe2O3	0.52%
6	Specific Gravity	2.6 (Helium Displacement)
7	CaO	0.4% Hardness 1 (Mohs)
8	Reflectance	>65 (Opacity Reflect meter)
9	Refractive Index	1.58
10	Ph (10% aqueous suspension)	7.0- 10%
11	Acidity & Alkalinity	2.0% max
12	LOI	3.5- 7 % max
13	Magnesium oxide	30-32.5 %max
14	Solubility (in water)	0.5 % Max
15	Solubility (in HCL)	5% Max
16	Bulk density (tapped)	0.40-90 gm /cc
17	Chloride	150- 250 ppm max
18	Acid Soluble substance	1.5-2.0 % max

Reference: I.P, BIS

Asbestos Not Detected

Stability — Melting Point Stable up to ca. 9000C
Indefinite shelf life. Resistant to mild acids, alkalis

Packaging — 50kg HDPE bags, PRINTED

+77017691436
+905060200433
+96893915661
Email: info@atlaspetro.com
www.atlaspetro.com