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# THE BTTCO OVERSEAS

A GOVT. OF INDIA RECOGNIZED \*STAR EXPORT HOUSE\*  
A D&B CERTIFIED COMPANY - DUNS NUMBER: 87-229-6440

## Technical Data Sheet Talc Powder /Talcum Powder

### 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.

### Physiochemical Properties

Property	Unit	Micro Talc-5SW	Micro Talc-5SSW
Whiteness	%	92-96	94-96
Average Particle Size	Micron	4-5	8-9
Surface Area	M <sup>2</sup> /Gm	3-6	3-6
Specific Gravity	-	2.75	2.75
Bulk Density*	Gm/Cc	0.40 - 0.45	0.36-0.44
Water Absorption	%	30-35	30-35
Ph Value	-	7.5 - 8.5	7.5-8.5
Moisture	% Max	0.5	0.5
Mgo	% Max	31	30±1
Sio <sub>2</sub>	% Max	63	60±1
Al <sub>2</sub> O <sub>2</sub>	% Max	-	0.20
Fe <sub>2</sub> O <sub>3</sub>	% Max	-	0.10
Mixed Oxides	% Max	2	-
Loss On Ignition	% Max	7	7
Residue On 500 Mesh	% Max	0.5	-
Residue On 325 Mesh	% Max	-	0.0001
Packing	Kgs/Bag	25	25

### Applications

- As a filler in paper, rubber, foam and plastics
- In Talcum and face powders, ointments and pastes.
- As an extender in paints.
- For making soft pencils, glass, fabrics and metals.
- In textile industry as an adsorbing agent for bleaching cotton, removing grease spots etc.
- To make high voltage insulators, glazes, acid and alkali proof vessels rain water piping etc.
- In anti corrosion pigments.
- As an anti caking agent.
- As nucleating agent in production of polymers.

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