

Pharma Talc

FEATURES AND BENEFITS

Pharma Talc is a magnesium silicate mineral with a monoclinic crystal structure. It is characterised by its softness and platy or lamellar physical structure. When ground into a fine powder, this lamellar property gives a smooth, soapy feel.

Our Pharma Talc products are irradiated according to EN ISO 11137-1 and EN ISO 13485 quality standards by a certified sterilisation facility. All sterilised batches are supported with a certificate of irradiation.

The main uses of Pharma Talc include:

- ❖ In the manufacture of pharmaceutical products.
- ❖ In the manufacture of personal care products.
- ❖ In the manufacture of food products.

DATASHEET REVISION

Revision Number	07
Revision Date	07/05/2019

CHEMICAL ANALYSIS

Range values. These do not represent a specification.

SiO ₂	58.0-60.0
MgO	30.0-31.0
CaO	1.0-1.7
Fe ₂ O ₃	0.5-2.0
Other	<1.0
LOI	<6.0
Asbestos	* NIL
Heavy Metals	* NIL

Irradiation Parameters

Minimum	4.0 kGy
Maximum	20.0 kGy

* Verified annually by external laboratories

PARTICLE SIZE ANALYSIS AND PROPERTIES

Mean values. These do not represent a specification.

		PT
Trade Names		Pharma Talc
% Retained @ 25 µm	% weight	** <10.0
Average Particle Size, d ₅₀	µm	12.1
Oil Absorption	%	36
Reflectance (Opacity Reflectometer)	%	90
Bulk Density (As Packed)	kg/litre	0.43
Specific Gravity	kg/litre	2.60
Hardness	mohs	1
Melting Point	°C	>900
Packaging: 25kg packed bags		Yes

** Quality controlled by means of wet sieve analysis

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