



ELEMENTIS

Excellence in pharmaceutical talc
Microtalc Pharma

Enhanced Performance Through Applied Innovation

Microtalc Pharma – Added value for pharmaceutical development

Many pharmaceutical researchers choose Microtalc Pharma talc from Elementis and with good reason. Each of our products contains our accumulated expertise, decades of experience, and the uncompromising quality of one of the world's leading talc producers.

Elementis sets impressive standards for purity and consistency for our Microtalc Pharma products. Despite being a natural product, our quality control insures there is very little variation in chemical composition and physical properties.

Main product characteristics

FEATURES

High purity
High lamellarity
High whiteness
High surface area
Bacteria controlled

BENEFITS

Hypoallergenic
Inert
Anti caking
API protection

Microtalc Pharma products are comprised of natural mineral talc. Its high purity and lamellarity makes it a high-performance component in the creation of pharmaceutical products. Due to its low solubility, talc is used where the API needs protection from our own natural stomach acid. The lamellarity of talc makes it the perfect anti caking agent and glidant during manufacturing process.

All products are manufactured in our Amsterdam factory in The Netherlands, which operates in compliance with the **EP, USP, JP**, and the standards for **Good Manufacturing Practice (GMP)**.

Product ID	PSD D50	PSD D98	Bulk Density (DIN 53468)	Brightness RY (DIN 53163)	Moisture	CIE L*A*B* (DIN 6174)
MT Pharma 8	2.2 µm	9 µm	0.20 g/cm ³	95 %	0.2 %	97.8/0.0/0.7
MT Pharma 15	5.4 µm	18 µm	0.30 g/ cm ³	93 %	0.2 %	97.5/0.0/0.7
MT Pharma 30	8.0 µm	26 µm	0.45 g/ cm ³	93 %	0.2 %	97.0/0.0/0.8
MT Pharma 50	2.0 µm	50 µm	0.50 g/ cm ³	92 %	0.2 %	96.5/0.0/0.8



From mine to market

From natural rock to pure powder

Applying state-of-the-art technology, Elementis transforms raw materials with natural variation of properties into Microtalc Pharma – one of the most consistent and pure high-quality pharmaceutical talcs in the world. This requires a high degree of control along the production chain, from geological research of the most promising deposits to the application of sophisticated selection and purification processes.

The particle size distribution of our talc

A consistent particle size distribution and surface area of the talc is crucial in the formulation of pharmaceutical products.

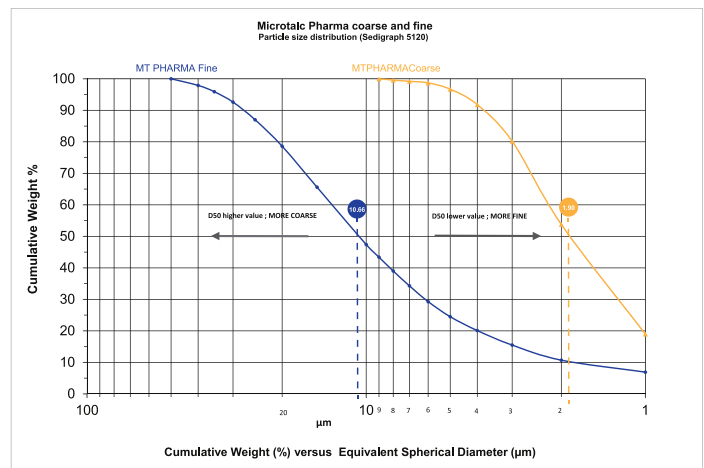
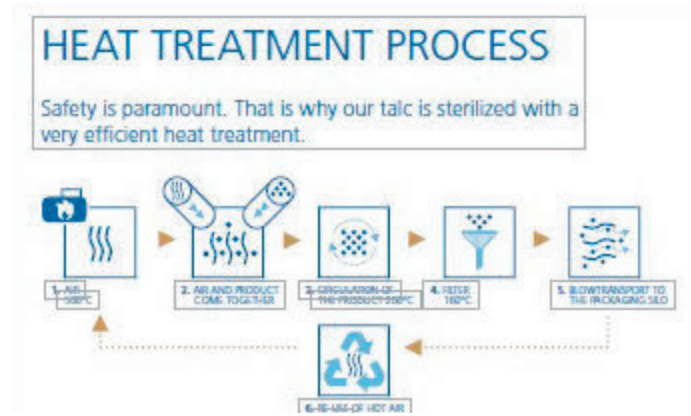
Microtalc Pharma grades offer a range of tightly controlled PSDs with top cut values between 8 and 60 microns, and D50 values between 1.7 and 17 microns.

Quality management

Consistency is the key. Therefore Elementis focuses on tight and stringent quality management as a major part of its corporate culture. Processes and products are certified according to ISO standards 9001, 14001, and FSSC, as well as Kosher and Halal requirements.

Who we are

Elementis is a global specialty chemicals company driven by scientific innovation to deliver ingredients that enhance the performance and value of our customers' products.



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