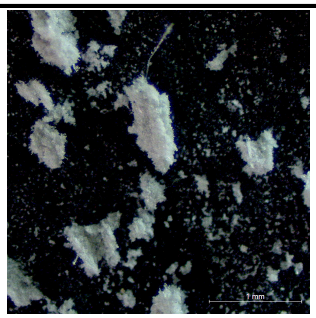
Product Specification

DMT Mineral Dust Type 4 | 7.2.2.5

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Co. KG
Plant & Product Safety
Refrigeration & Air Quality

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1. General description: DMT mineral dust type 4 is used for testing according to chapter 5.11.

2. Composition: The specified particle size distribution is shown in the following table:

x (µm)	Q3(x) (%)
0.97	4.5 - 5.5
1.38	8.0 - 9.5
2.75	21.3 - 23.3
5.50	39.5 - 42.5
11.0	57.0 - 59.5
22.0	73.5 - 76.0
44.0	89.5 - 91.5
88.0	97.9 - 98.9
124.50	99.0 - 100.0
176.0	100.0

3. Transport and Storage: Partial segregation may occur during transport and storage. It is therefore recommended to homogenize the DMT Mineral Dust Type 4 | 7.2.2.5 before use, which can be achieved by mixing with a laboratory tumbler mixer. Please store in a dry and airtight original container.

4. Quality ensurance:	In order to achieve reproducible quality, the raw materials and production are strictly controlled. The following quality controls are carried out: Monitoring the particle size distribution of raw materials Monitoring the particle size distribution of the end product
5. Specification:	**Name :** DMT Mineral Dust Type 4 | 7.2.2.5 **Standard:** IEC 60312 (2008), IEC 62885-2 (2018), DIN EN 60312-1 (2017) **Title of Standard:** Surface cleaning appliances - Part 2: Dry vacuum cleaners for household or similar use / Vacuum cleaners for household use. Dry vacuum cleaners. Methods for measuring the performance **Composition :** Quarz **Material:** Quartz **largest particle size (µm) :** 120 **Bulk density (g/cm³):** 0,90 **Substance density (g/cm³) :** 2,65 **Apperance :** solid **Hardness (Mohs):** 7,0 **Colour :** white