Product Specification

DMT Mineral Dust Type 3 | 7.2.2.4

TÜV NORD Systems GmbH & Co. KG
Plant & Product Safety
Refrigeration & Air Quality

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1. General description:

DMT Type 3 mineral dust is used as a mineral component in DMT Type 8 test dust.

2. Composition:

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

x (mm)	q3(x) (%)
< 0.005	9
0.005 - 0.01	5
0.01 - 0.02	8
0.02 - 0.04	11
0.04 - 0.075	10
0.075 - 0.125	7
0.125 - 0.25	20
0.25 - 0.5	24
0.5 - 1.0	6
1.0 - 2.0	0

3. Transport and Storage:

Partial segregation may occur during transport and storage. It is therefore recommended to homogenize the DMT Mineral Dust Type 3 | 7.2.2.4 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 3 | 7.2.2.4 **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 :** Calcium magnesium carbonate **Material:** Dolomite **largest particle size (µm) :** 1000 **Bulk density (g/cm³):** 1,24 **Substance density (g/cm³) :** 2,85 **Apperance :** solid **Hardness (Mohs):** 3,5 **Colour :** white