

Product Specification

DMT Talcum Test Dust | A1.3

DMT GmbH & Co. KG
Plant & Product Safety
Refrigeration & Air Quality

Am TÜV 1
45307 Essen, Germany



- 1. General description:** In accordance with the American standard ASTM F 608, DMT test dirt A1.1 is used to evaluate the dust absorption of neck stop and industrial vacuum cleaners on carpets.

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

x (µm)	Q3(x) (%)
<0.9	1.5 - 5.0
1.0 - 1.9	5.0 - 11.0
2.0 - 4.9	11.0 - 19.0
5.0 - 9.9	20.0 - 30.0
10.0 - 19.9	35.0 - 46.0
20.0 - 43.3	60.0 - 70.0
>44.0	76.0 - 86.0

- 3. Transport and Storage:** Partial segregation may occur during transport and storage. It is therefore recommended to homogenize the DMT Talcum Test Dust | A1.3 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 Talcum Test Dust | A1.3

Standard: ASTM F 608

Title of Standard: Standard Test Method for Evaluation of Carpet Embedded Dirt Removal Effectiveness of Household/Commercial Vacuum Cleaners

Composition : Hydrated magnesium silicate

Material: Talcum

largest particle size (μm) : 75

Substance density (g/cm^3) : 2,75

Apperance : solid

Hardness (Mohs): 1,0

Colour : white
