



Product Specification

DMT Quartz Sand | A1.2

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) (%)
106.0 - 150.0	3.0
150.0 - 212.0	18.0
212.0 - 300.0	64.0
300.0 - 425.0	99.0
425.0 - 600.0	100.0

3. Transport and Storage: Partial segregation may occur during transport and storage. It is therefore recommended to homogenize the DMT Quartz Sand | A1.2 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 Quartz Sand | A1.2

Standard: ASTM F 608

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

Composition : Quarz

Material: Quartz

largest particle size (μm) : 600

Substance density (g/cm^3) : 2,65

Apperance : solid

Hardness (Mohs): 7,0

Colour : grey/brown
