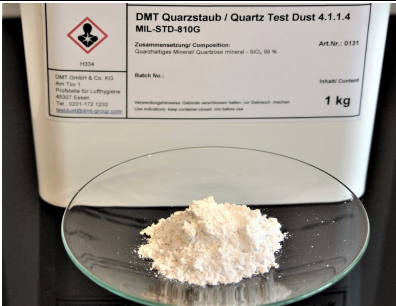


Product Specification

DMT Quartz Dust | 4.1.1.4

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

Am TÜV 1
45307 Essen, Germany



1. General description: DMT quartz dust according to chapter 4.1.1.4 of the MIL-Standard-810G is used for the evaluation of various devices and components exposed to sands and dusty atmospheres.

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

x (µm)	Q3(x) (%)
20.0	50.0
150.0	100.0

3. Transport and Storage: Partial segregation may occur during transport and storage. It is therefore recommended to homogenize the DMT Quartz Dust | 4.1.1.4 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 Quartz Dust | 4.1.1.4

Standard: MIL-STD-810G

Title of Standard: Department of Defense Test Method Standard: Environment engineering considerations and laboratory tests

Composition : Quarz

Material: Quartz

largest particle size (μm) : 150

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

Apperance : solid

Hardness (Mohs): 7,0

Colour : white
