

Product Specification

DMT Quartz Sand | 4.2.1.3

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

Am TÜV 1
 45307 Essen, Germany



1. General description: DMT quartz sand according to chapter 4.2.1.3 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:

<u>x (µm)</u>	<u>Q3(x) (%)</u>
850.0	100.0

3. Transport and Storage: Partial segregation may occur during transport and storage. It is therefore recommended to homogenize the DMT Quartz Sand | 4.2.1.3 before use, which can be achieved by mixing with a laboratory tumbler mixer. Please store in a dry and airtight original container.

4. Quality assurance: 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 | 4.2.1.3

Standard: MIL-STD-810G

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

Composition : Quarz

Material: Quartz

smallest particle size (μm) : 100

largest particle size (μm) : 850

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

Apperance : solid

Hardness (Mohs): 7,0

Colour : grey/brown
