

Product Specification

DMT Quartz Sand | 5.2.5

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

Am TÜV 1
 45307 Essen, Germany



1. General description: The erosion behavior and the formation of structural damage in flight by sand are simulated with the aid of DMT quartz sand in accordance with Chapter 5.2.5 of the DEF-Stan 00-35 standard.

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

x (µm)	Q3(x) (%)
149.0	4.2 - 5.2
210.0	15.9 - 17.9
297.0	43.5 - 46.5
420.0	74.5 - 83.5
590.0	93.3 - 98.3
850.00	94.5 - 100.0

3. Transport and Storage: Partial segregation may occur during transport and storage. It is therefore recommended to homogenize the DMT Quartz Sand | 5.2.5 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 | 5.2.5

Standard: DEF Stan 00-35

Title of Standard: Environmental Handbook for Defence Materiel

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
