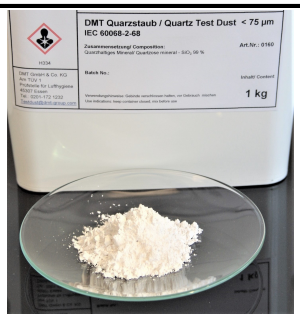
Product Specification

DMT Quartz Dust up to 75 my

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Co. KG
Plant & Product Safety
Refrigeration & Air Quality

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1. General description:

Standard 60068-2-68 defines test procedures to determine the effects of dust and sand as an air component on electro technical products. DMT quartz dust < 75 µm is used for testing Lb and testing Lc according to method Lc1.

2. Composition:

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

x (µm)	Q3(x) (%)
2.0	15.0 - 20.0
5.0	32.0 - 38.0
10.0	46.0 - 52.0
20.0	64.0 - 70.0
40.0	81.0 - 87.0
75.0	97.0 - 100.0

3. Transport and Storage:

Partial segregation may occur during transport and storage. It is therefore recommended to homogenize the DMT Quartz Dust up to 75 my 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 up to 75 my **Standard:** IEC 60068-2-68 **Title of Standard:** Environmental testing - Part 2-68: Tests - Test L: Dust and sand **Composition :** Quarz **Material:** Quartz **largest particle size (µm) :** 75 **Substance density (g/cm³) :** 2,65 **Apperance :** solid **Hardness (Mohs):** 7,0 **Colour :** white