Product Specification

DMT Talcum Test Dust

TÜV NORD Systems GmbH & 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 talcum test dust is used for the La test according to methods La1 and La2. The grain size is < 75 µm.

2. Composition:

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

x (µm)	Q3(x) (%)
5.0	0.2
10.0	0.9
10.0	0.9
20.0	9.0
40.0	45.0
63.0	100.0

3. Transport and Storage:

Partial segregation may occur during transport and storage. It is therefore recommended to homogenize the DMT Talcum Test Dust 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 Talcum Test Dust **Standard:** IEC 60068-2-68 **Title of Standard:** Environmental testing - Part 2-68: Tests - Test L: Dust and sand **Composition :** Hydrated magnesium silicate **Material:** Talcum **largest particle size (µm) :** 63 **Substance density (g/cm³) :** 2,75 **Apperance :** solid **Hardness (Mohs):** 1,0 **Colour :** white