

Product Specification

DMT Test Dust ECE R 16

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

Am TÜV 1
45307 Essen, Germany



1. General description: The test dust in accordance with ECE R 16 is used for testing the dust resistance of rolling devices.

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

| <u>x (µm)</u> | <u>Q3(x) (%)</u> |
|---------------|------------------|
| 150 | 99 - 100 |
| 106 | 76 - 86 |
| 75 | 60 - 70 |

3. Transport and Storage: Partial segregation may occur during transport and storage. It is therefore recommended to homogenize the DMT Test Dust ECE R 16 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 Test Dust ECE R 16

Standard: ECE R 16

Title of Standard: Uniform provisions concerning the approval of: I. Safety-belts, restraint systems, child restraint systems and ISOFIX child restraint systems for occupants of power-driven vehicles — II. Vehicles equipped with safety-belts, safety-belt reminder, restraint systems, child restraint systems and ISOFIX child restraint systems

Composition : Quarz

Material: Quartz

largest particle size (μm) : 150

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

Apperance : solid

Hardness (Mohs): 7,0

Colour : white
