

## Product Specification

### DMT Test Dust A1 ultrafine

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

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45307 Essen, Germany



**1. General description:** The Arizona test dust A1 ultrafine forms the finest standard dusts of ISO 12103-1 and is used for various filter and environmental tests.  
The so-called Arizona test dust A1 ultrafine consists of 69 % - 77 % quartz. DMT test dust A1 ultrafine "epsd" corresponds to the specified particle size distribution of the ISO 12103-1 standard, but 98 % of this consists of quartz. The test dust is identified by an additional code "epsd". "epsd" stands for "equivalent particle size distribution".

**2. Composition:**

**3. Transport and Storage:**

**4. Quality ensurance:**

**5. Specification:**

- Name :** DMT Test Dust A1 ultrafine
- Standard:** ISO 12103-1
- Title of Standard:** Road vehicles -- Test contaminants for filter evaluation -- Part 1: Arizona test dust
- Composition :** Quarz
- Material:** Quartz
- largest particle size (µm) :** 22
- Bulk density (g/cm³):** 0,50
- Substance density (g/cm³) :** 2,65
- Apperance :** solid
- Hardness (Mohs):** 7,0
- Colour :** white