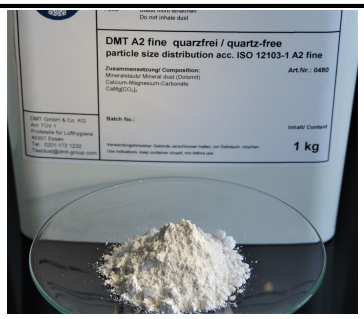
Product Specification

DMT Test Dust A2 fine quartz-free

TÜV NORD Systems GmbH & Co. KG
Plant & Product Safety
Refrigeration & Air Quality

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1. General description:	The best-known normative test dust for filter tests and environmental simulations is the Arizona test dust A2 fine, which is described in ISO 12103-1 with regard to its composition and particle size distribution. It is used for tests according to ISO 5011, IEC 62885 (DIN EN 60312), 32-SAMSS-008 (ARAMCO) or the new ISO 16890-3. Since the test dust consists mainly of quartz and has an average value d50.3 < 10 µm, there is an increased health risk potential due to the alveolar fraction. (Carcinogen, TRGS 906) For this reason DMT GmbH & Co. KG has developed an alternative test dust, the so-called DMT test dust A2 fine quartz-free, which consists mainly of calcium magnesium carbonate and is not evaluated as a carcinogenic hazardous substance.
2. Composition:	The particle size distribution of DMT Test Dust A2 fine quartz-free is between 0 - 120 µm.
3. Transport and Storage:	Partial segregation may occur during transport and storage. It is therefore recommended to homogenize the DMT Test Dust A2 fine quartz-free 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 A2 fine quartz-free
	Composition : Calcium magnesium carbonate
	Material: Dolomite
	largest particle size (µm) : 120
	Substance density (g/cm³) : 2,85
	Apperance : solid
	Hardness (Mohs): 3,5
	Colour : white