

Product Specification

DMT CN ISO Reference Sand 5.1.2

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

Am TÜV 1
45307 Essen, Germany



1. General description: The DMT CN / ISO reference sand is specified in both ISO 679 and DIN EN 196.

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

x (mm)	Q3(x) (%)
0.08	0.0 - 2.0
0.16	2.0 - 12.0
0.5	28.0 - 38.0
1.00	62.0 - 72.0
1.6	88.0 - 98.0
2.0	100.0

3. Transport and Storage: Partial segregation may occur during transport and storage. It is therefore recommended to homogenize the DMT CN ISO Reference Sand 5.1.2 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 CN ISO Reference Sand 5.1.2

Standard: CEN ISO 679 / DIN EN 196-1

Title of Standard: Cement -- Test methods -- Determination of strength

Composition : Quarz

Material: Quartz

largest particle size (μm) : 2000

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

Apperance : solid

Hardness (Mohs): 7,0

Colour : grey/brown
