

## Product Specification

### DMT CN ISO Reference Sand 5.1.2

DMT 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



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**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 ( $\mu\text{m}$ ) :** 2000

**Substance density ( $\text{g}/\text{cm}^3$ ) :** 2,65

**Apperance :** solid

**Hardness (Mohs):** 7,0

**Colour :** grey/brown

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