

## Product Specification

### DMT Cut Cotton („Cotton-Linters“) | 7.2.2.3

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

Am TÜV 1  
45307 Essen, Germany



**1. General description:** The cotton specially cut by DMT is part of the simulated house dust DMT test dust type 8® and is specified in IEC 62885 / IEC 60312 / DIN EN 60312. This cut cotton is also used as a pure component for various filter technology tests. (For fiber length distribution see standard)

Since cotton is a natural product, the fiber structure and composition are subject to certain natural variations. DMT GmbH & Co. KG is accompanied by strict quality monitoring, which begins with the supplier to achieve a high batch to batch comparability.

Our specifications must be strictly observed during storage. Increased humidity can greatly accelerate the natural decomposition process.

**2. Composition:**

**3. Transport and Storage:**

**4. Quality ensurance:**

**5. Specification:****Name :** DMT Cut Cotton („Cotton-Linters“) | 7.2.2.3**Standard:** IEC 60312 (2008), IEC 62885-2 (2018), DIN EN 60312-1 (2017)**Title of Standard:** Surface cleaning appliances - Part 2: Dry vacuum cleaners for household or similar use / Vacuum cleaners for household use. Dry vacuum cleaners. Methods for measuring the performance**Composition :** Cotton**Material:** Fiber**largest particle size ( $\mu\text{m}$ ) :** 4000**Bulk density ( $\text{g}/\text{cm}^3$ ):** 0,05**Substance density ( $\text{g}/\text{cm}^3$ ) :** 1,51**Apperance :** solid**Hardness (Mohs):** -**Colour :** white