

Product Specification

DMT Test Dirt ECE R123 1.2.1.1.1

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

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| 1. General description: | <p>In the description of the test procedure for motor vehicle headlamps emitting an asymmetrical passing-beam or a driving-beam the test dirt is specified which simulates the real dirt.</p> <p>The test dirt is used for headlamps with an outer lens made of glass.</p> |
| 2. Composition: | <p>The composition of the test dirt is as follows:</p> <p>9 parts quartz sand according to the specification in section 2.1.3</p> <p>1 part beech coal</p> <p>0.2 parts carboxymethylcellulose</p> |
| 3. Transport and Storage: | <p>Partial segregation may occur during transport and storage. It is therefore recommended to homogenize the DMT Test Dirt ECE R123 1.2.1.1.1 before use, which can be achieved by mixing with a laboratory tumbler mixer. Please store in a dry and airtight original container.</p> |
| 4. Quality ensurance: | <p>In order to achieve reproducible quality, the raw materials and production are strictly controlled. The following quality controls are carried out:</p> <p>Monitoring the particle size distribution of raw materials</p> <p>Monitoring the particle size distribution of the end product</p> |

**5. Specification:****Name :** DMT Test Dirt ECE R123 1.2.1.1.1**Standard:** ECE R 123**Title of Standard:** Uniform provisions concerning the approval of adaptive front-lighting systems (AFS) for motor vehicles**Composition :** Quartz-coal-mixture**Material:** Particle-Fiber-Mixture**largest particle size (μm) :** 100**Bulk density (g/cm^3):** 0,90**Substance density (g/cm^3) :** 2,65**Apperance :** solid**Hardness (Mohs):** -**Colour :** grau