Product Specification		
DMT Test Dirt ECE R112 2.1.1.1		
TÜV NORD Systems GmbH & Co. KG Plant & Product Safety Refrigeration & Air Quality	Alter and a state and a s	
Am TÜV 1 45307 Essen, Germany		
1. General description:	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. The test dirt is used for headlamps with an outer lens made of glass.	
2. Composition:	The composition of the test dirt is as follows: 9 parts quartz sand between 0 μm and 100 μm 1 part beech coal 0.2 parts carboxymethylcellulose	
3. Transport and Storage:	Partial segregation may occur during transport and storage. It is therefore recommended to homogenize the DMT Test Dirt ECE R112 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.	
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 Dirt ECE R112 2.1.1.1
	Standard: ECE R 112
	Title of Standard: Uniform provisions concerning the approval of motor vehicle
	headlamps emitting an asymmetrical passing-beam or a driving-beam or both
	and equipped with filament lamps and/or light-emitting diode (LED) modules
	Composition : Quartz-coal-mixture
	Material: Particle-Fiber-Mixture
	largest particle size (μm):100
	Bulk density (g/cm³): 0,90
	Substance density (g/cm³) : 2,65
	Apperance : solid
	Hardness (Mohs): -
	Colour : grau

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