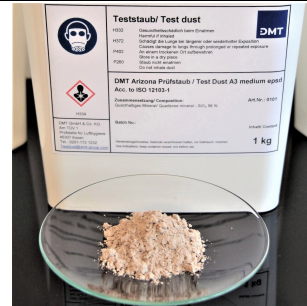


Product Specification

PTI Arizona Test Dust A3 medium

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

Am TÜV 1
45307 Essen, Germany



1. General description: Analogous to the Arizona test dust A2 fine, the Arizona test dust A3 medium is also used in various normative tests.

The so-called Arizona test dust A3 medium consists of 69 % - 77 % quartz.

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

x (µm)	Q3(x) (%)
0.97	2.0 - 2.4
1.38	3.8 - 4.4
2.75	10.3 - 11.1
5.50	22.1 - 23.2
11.0	42.3 - 43.6
22.0	62.5 - 64.5
44.0	82.0 - 83.5
88.0	94.7 - 96.0
124.50	97.2 - 98.6
176.0	99.0 - 100.0
248.90	100.0



3. Transport and Storage:

Partial segregation may occur during transport and storage. It is therefore recommended to homogenize the PTI Arizona Test Dust A3 medium 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 : PTI Arizona Test Dust A3 medium

Standard: ISO 12103-1

Title of Standard: Road vehicles -- Test contaminants for filter evaluation -- Part 1: Arizona test dust

Composition : Quarz

Material: Quartz

largest particle size (μm) : 250

Bulk density (g/cm^3): 1,00

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

Apperance : solid

Hardness (Mohs): 7,0

Colour : brown / beige
