

Test Particles Data Sheet



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Cat. No.: **Te3000-25**

Lot No.: Te438.012

"Test Particles" are aqueous dispersions generally used to be applied for experiments, evaluations or simulations of specific particle situations (filter retention tests/-efficiency, studies of flow characteristics, etc.).

"Test Particles" are **not** designed for calibration of particle sizers because of lower diameter accuracy.

For this purpose we recommend our certified particle size standards.

Particle Diameter (Mode): $x_V = 31.7\mu\text{m} \pm 0.5\mu\text{m}$

Particle Sizing Instrument: Particle sizing system "Syringe", Markus Klotz GmbH - Bad Liebenzell, Germany

Solid Contents: 5%

Rel. Standard Deviation (C.V.): 5.1% relative to x_N

Polymer Density: 1.05 g/ml

Refractive Index: 1.59 (25°C, 589nm)

Chemical Composition: Aqueous suspension consisting of: Poly-(styrene-divinylbenzene),
surfactants (<0.1%), preservatives (<0.05%)

