Product: **Test Particles**

BS-Partikel GmbH
Bahnstr. 10
D-65205 Wiesbaden
Phone: +49/611/7-888-999
Fax: +49/611/97-218-44
Email: support@BS-Partikel.de
URL: http://www.BS-Partikel.de

Catalog Number: **Te0700-25**

Lot No.: Te288.101

"Test Particles" are aqueous dispersions generally used to be applied for experiments, evaluations or simulations or specific particle situations (filter retention tests/-efficiency, studies of flow characteristics, etc.).
"Test Particles" are **not** designed for calibration of particle sizers. For this purpose we recommend our certified particle size standards.

Solid Contents: **5%**

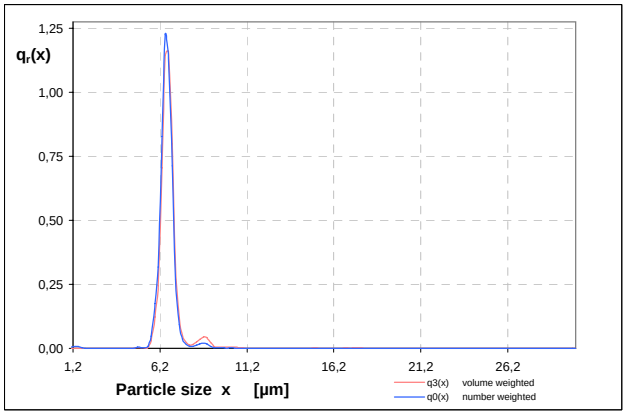
Particle Diameter (Mode): $x_N$ = **6.6µm ±0.2µm** $x_V$ = **6.6µm ±0.2µm**

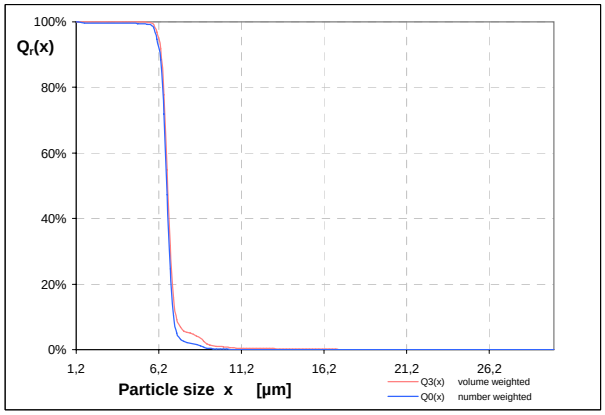
Relat. Standard Deviation (C.V.) 6.6% rel. to $x_N$

Refractive Index: 1.59 (25°C, 589nm)
Polymer Density: 1.05 g/ml

Chemical Composition: Poly(styrene-co-divinylbenzene)
water, surfactants (<0.1%), preservatives (<0.05%)

Particle Sizing System: Single optical particle sizing system "Syringe", Markus Klotz GmbH, Bad Liebenzell - Germany




$q_0=(N_1-N_2)/(N_{all}*dx)$ $q_3=(V_1-V_2)/(V_{all}*dx)$

where is: dx: channel width

$Q_0=100*N_1/N_{all}$ $Q_3=100*V_1/V_{all}$

$N_i$ and $V_i$: number and volume of all particles $>=_i x$