MP 40

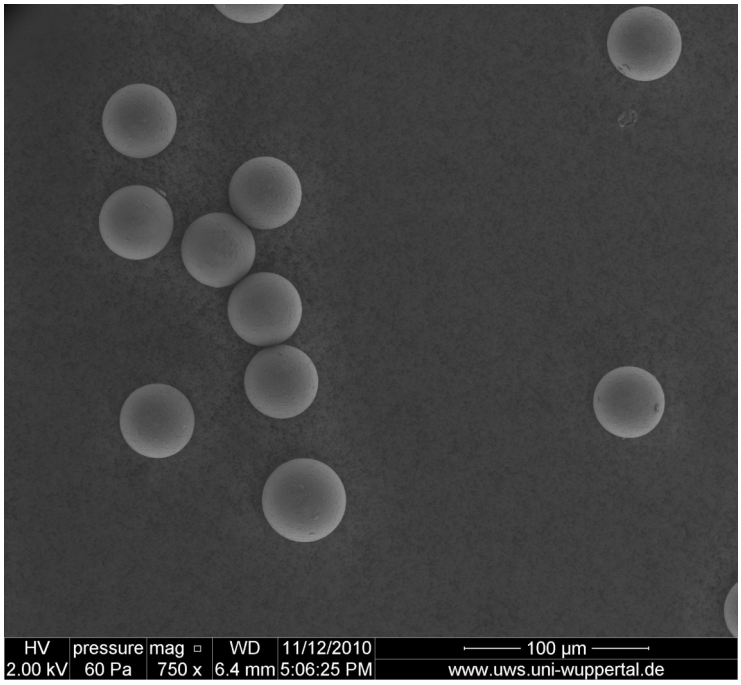


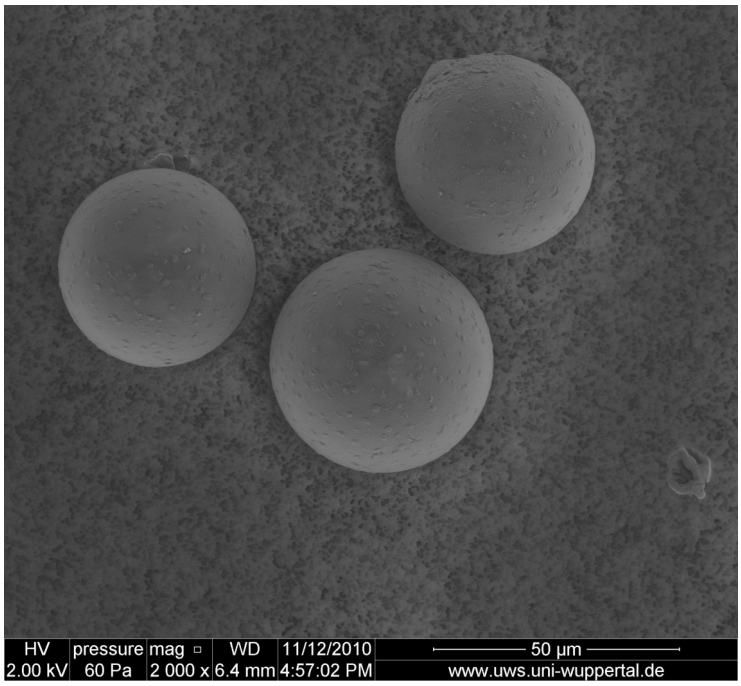
MP 40 are microparticles with a mean diameter of 40,06 μm. The distribution of this dust is monodisperse; the geometric standard deviation of the distribution is only 3,56 μm. Due to this small distribution, these dusts are used for scientific analysis and can also be used to calibrate measuring devices.

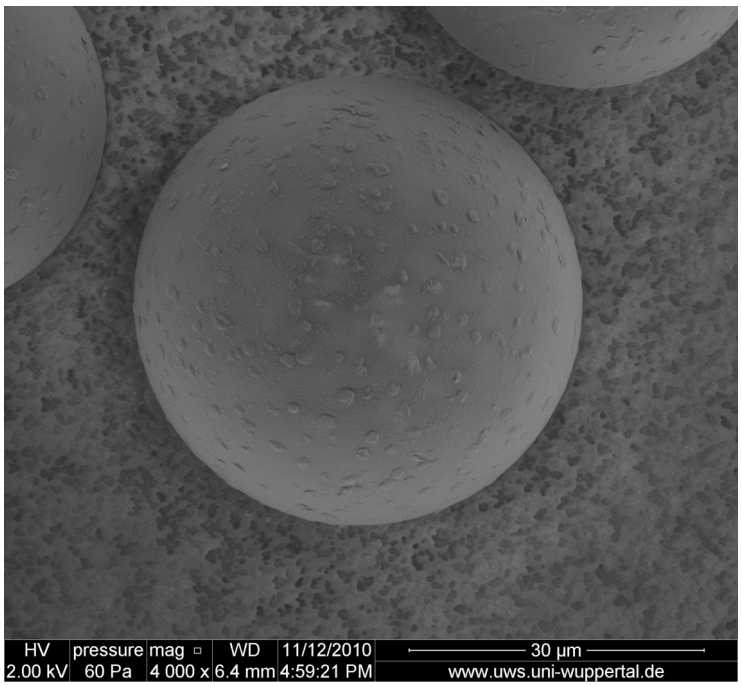
Operation principle

Microparticles with a mean diameter of 40 μm

The particles consist of PMMA (Polymethylmethacrylat).




HV
2.00 kV
pressure
60 Pa
mag
2 000 x
WD
6.4 mm
11/12/2010
4:57:02 PM
50 µm
www.uws.uni-wuppertal.de


HV
2.00 kV
pressure
60 Pa
mag
4 000 x
WD
6.4 mm
11/12/2010
4:59:21 PM
30 µm
www.uws.uni-wuppertal.de

Benefits

- Solid particles with very narrow monodisperse distribution
- High lifetime of the generated aerosol

DATASHEET

Particle material	PMMA
Particle diameter (maximum)	75 μm
Particle diameter (minimum)	0.5 μm
Particle diameter (mean)	40.06 μm
Geometric standard deviation (volume)	3.56 μm

Mehr Informationen:
https://www.palas.de/en/product/mp40