

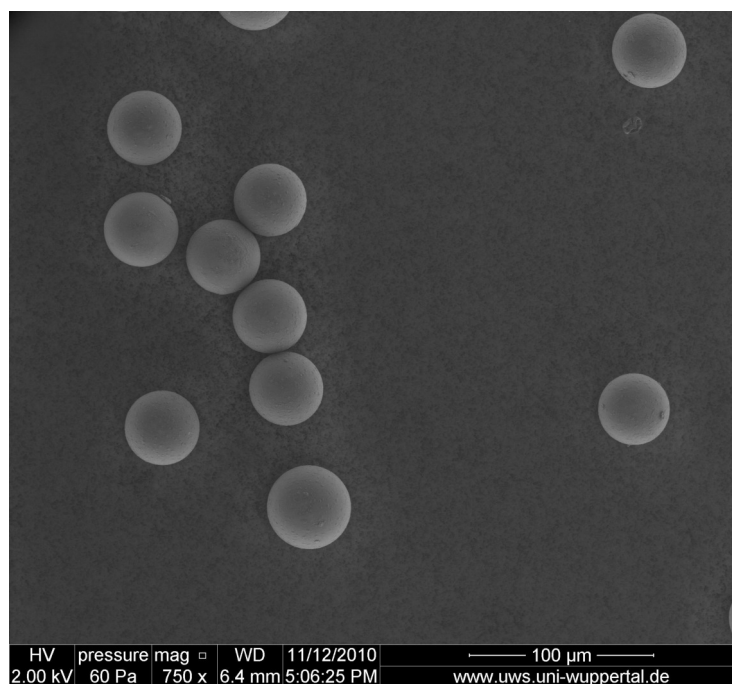


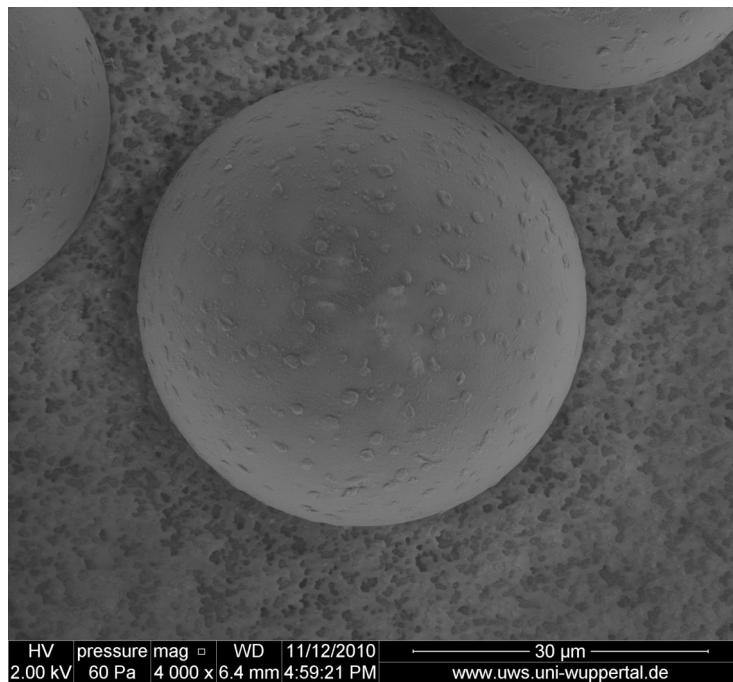
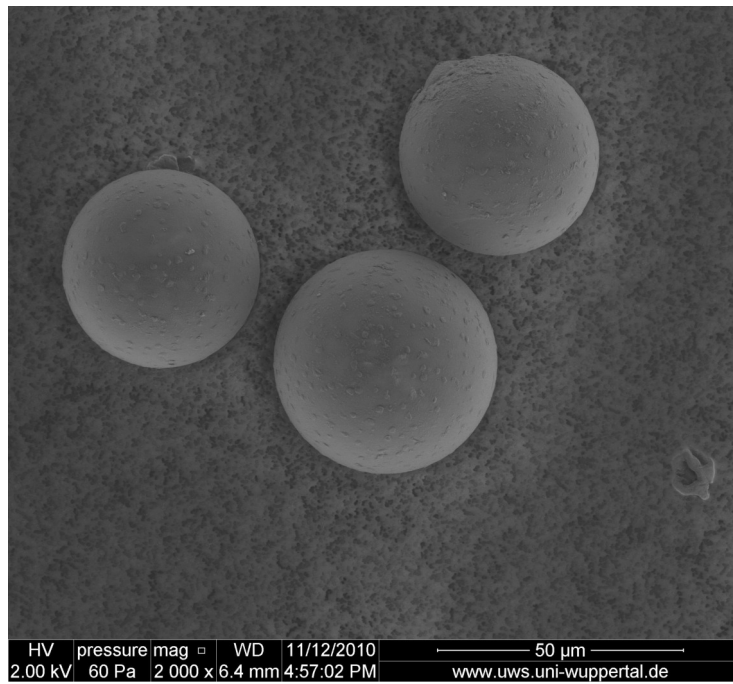
MP 40 are microparticles with a mean diameter of  $40,06 \mu\text{m}$ . The distribution of this dust is monodisperse; the geometric standard deviation of the distribution is only  $3,56 \mu\text{m}$ . Due to this small distribution, these dusts are used for scientific analysis and can also be used to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

## OPERATION PRINCIPLE

### MICROPARTICLES WITH A MEAN DIAMETER OF $40 \mu\text{m}$

The particles consist of PMMA (Polymethylmethacrylat).





## BENEFITS

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

## DATASHEET

Particle material	PMMA
Particle diameter (maximum)	75 $\mu\text{m}$
Particle diameter (minimum)	0.5 $\mu\text{m}$
Particle diameter (mean)	40.06 $\mu\text{m}$
Geometric standard deviation (volume)	3.56 $\mu\text{m}$



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