

# MP 10

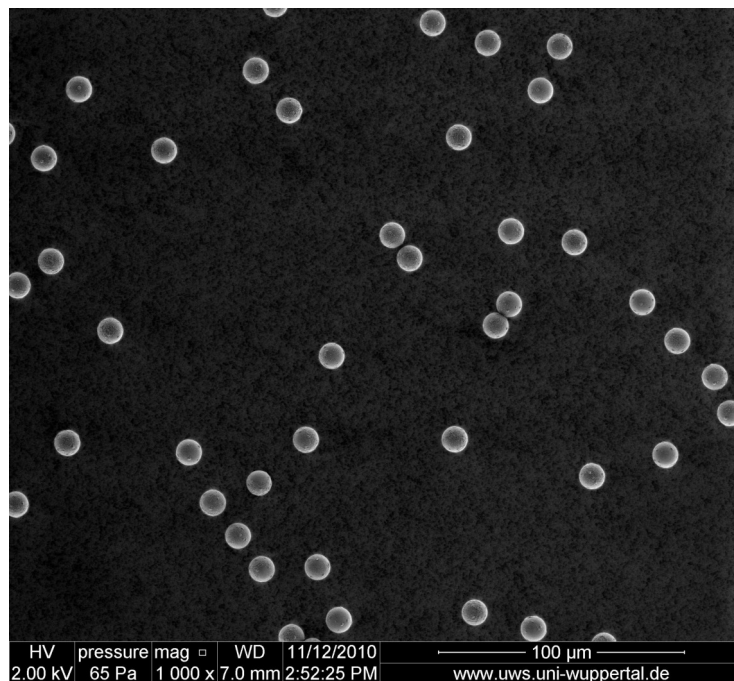


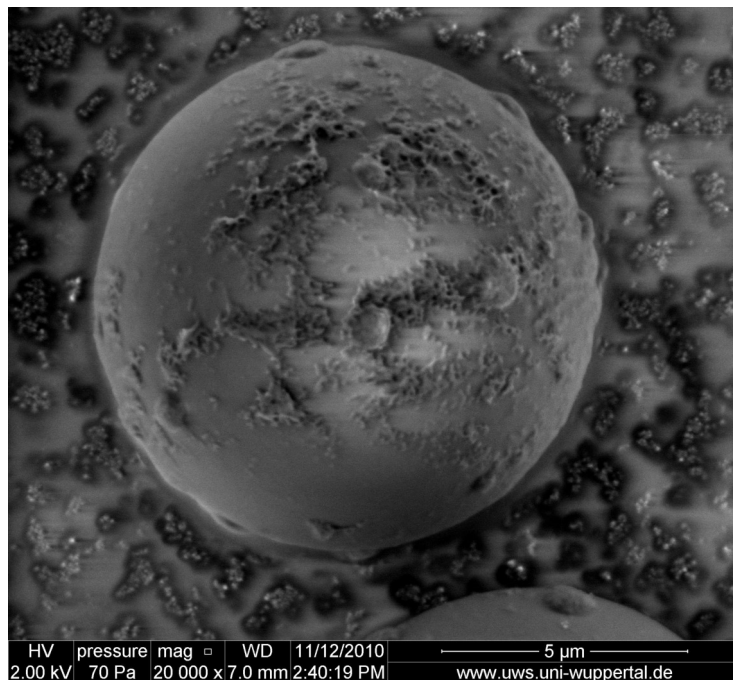
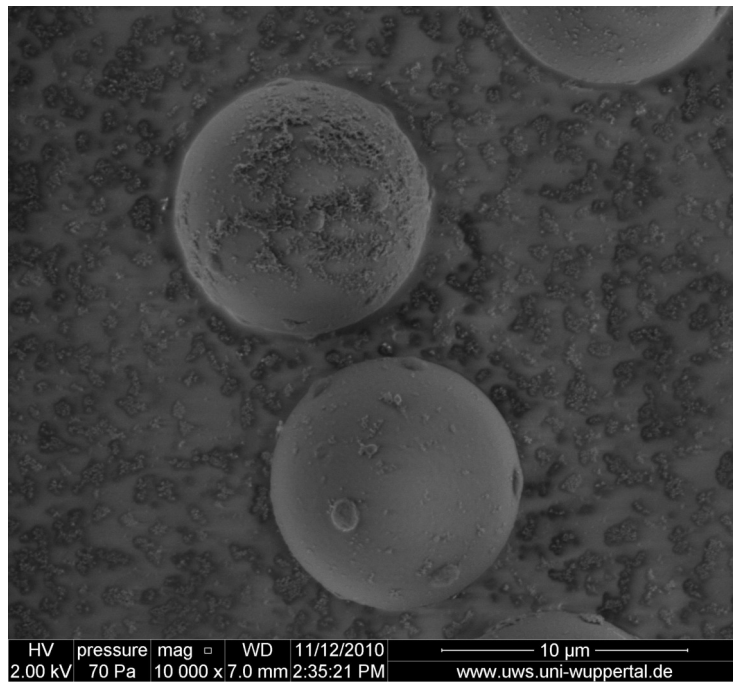
MP 10 are microparticles with a mean diameter of  $10.3 \mu\text{m}$ . The distribution of this dust is monodisperse; the geometric standard deviation of the distribution is only  $2.59 \mu\text{m}$ . Due to this small distribution, these dusts are used for scientific analysis and can also be used to calibrate measuring devices.

## OPERATION PRINCIPLE

### MICROPARTICLES WITH A MEAN DIAMETER OF $10 \mu\text{m}$

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)	10.3 $\mu\text{m}$
Geometric standard deviation (volume)	2.59 $\mu\text{m}$



Mehr Informationen:  
<https://www.palas.de/en/product/mp10>