

# MP 40

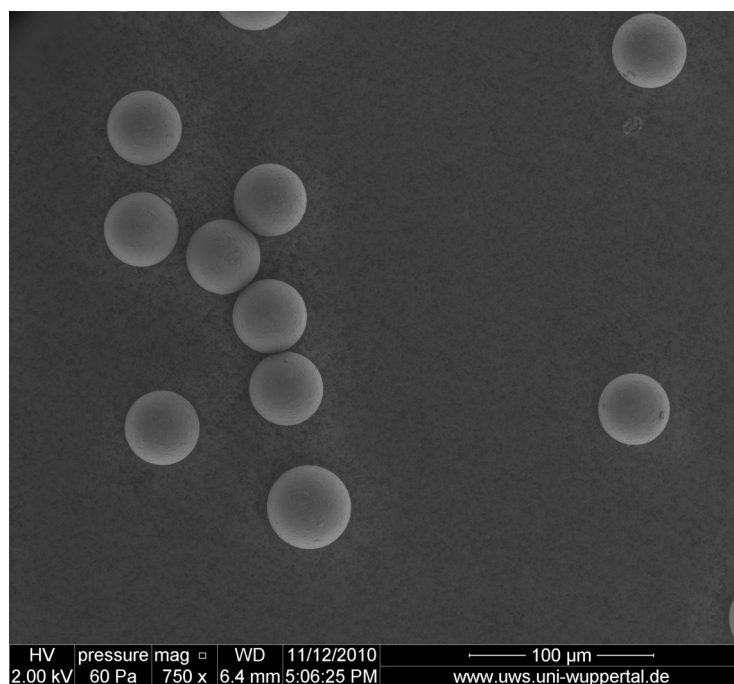


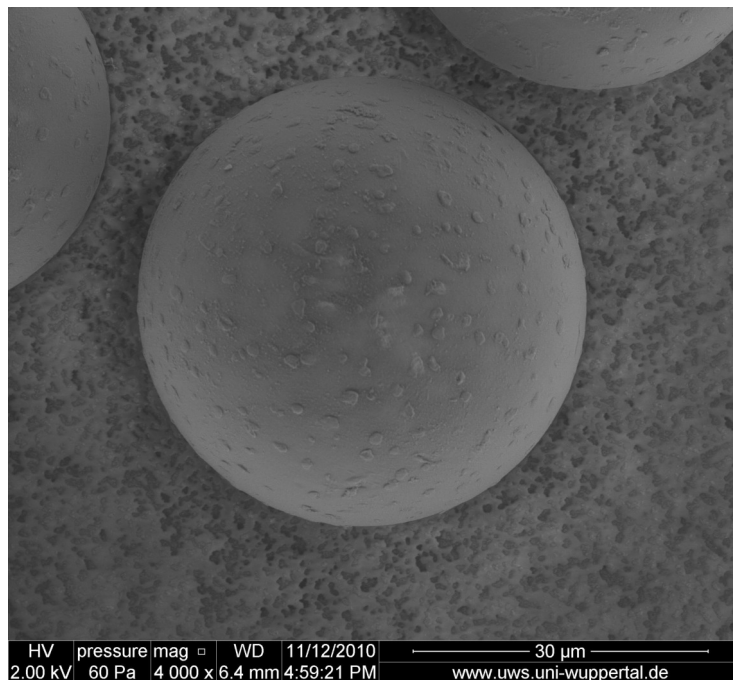
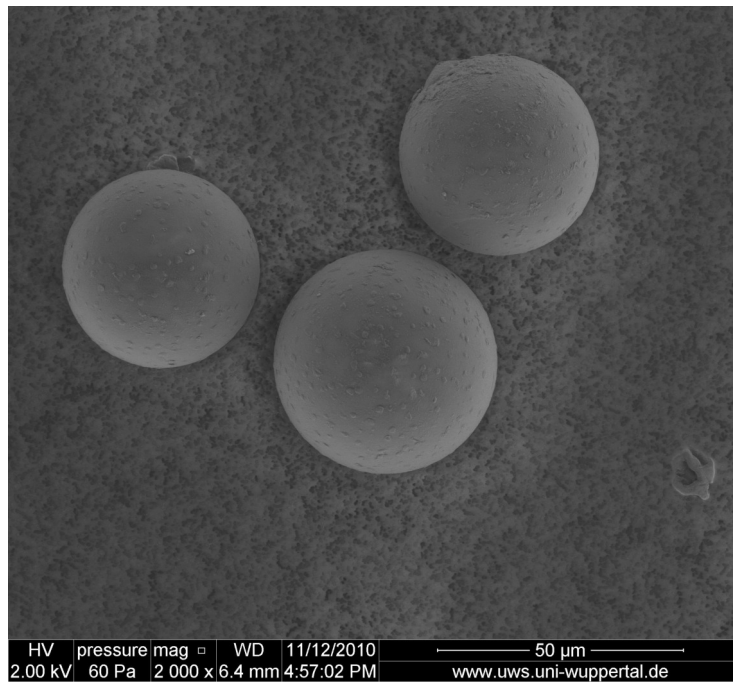
MP 40 are microparticles with a mean diameter of  $40,06 \mu\text{m}$ . The distribution of this dust is monodisperse; the geometric standard deviation of the distribution is only  $3,56 \mu\text{m}$ . Due to this small distribution, these dusts are used for scientific analysis and can also be used to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