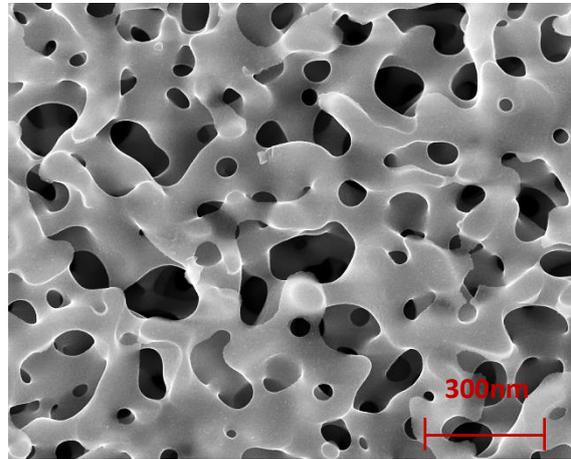
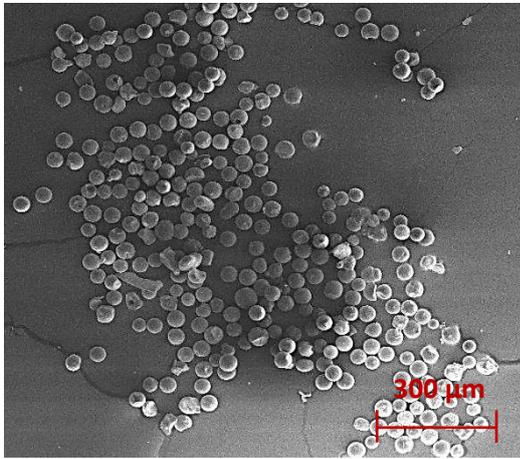


Makrospec®- Spheres – macroporous glass spheres

product information



Single elektron microscope images of Makrospec®-Spheres (P_d : 20 – 62 μm ; d_p : 100 nm)

Beschreibung

Makrospec®-Spheres are produced of borosilicate glass via specific thermal and chemical treatment to create open macroporosity that meets even the most demanding customer requirements.

Eigenschaften

- Rigid interconnected network structure with > 96% silica content
- High thermal and mechanical stability as well as excellent durability against acids and organic solvents
- high specific surface area that can be functionalized using a wide range of conventional chemical techniques
- The product properties can be adapted to customer requirements in the range of:

Product limits	Makrospec®-Spheres
Average particle size	20 – 120 μm
Average pore diameter	50 – 300 nm
Pore volume	> 1.0 cm^3/g
Surface area	9 – 100 m^2/g

