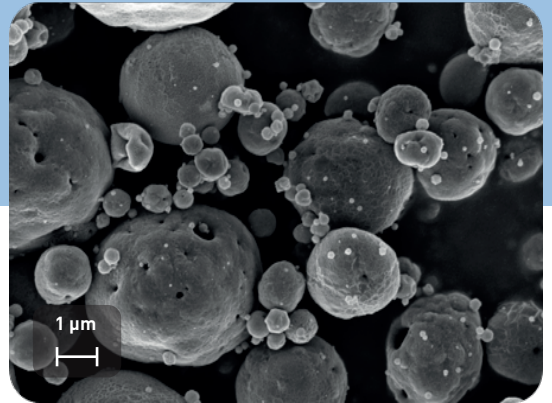


CERIUM(IV)-OXIDE

CeO₂-40



SEM of CeO₂

TECHNICAL DATA

PROPERTIES		TESTING METHOD	
Specific surface area	(m ² /g)	40 ± 2	BET
Primary particle size	(nm)	15 - 20	SEM
Agglomerate size	(μm)	10 - 20	DLS
Colour		yellow	
Crystallographic phase		cubic	XRD
Purity	(wt.-%)	> 99	ICP
Bulk density	(kg/m ³)	300 - 400	

POTENTIAL APPLICATIONS

- Polishing agents
- Catalysts
- UV-absorbers