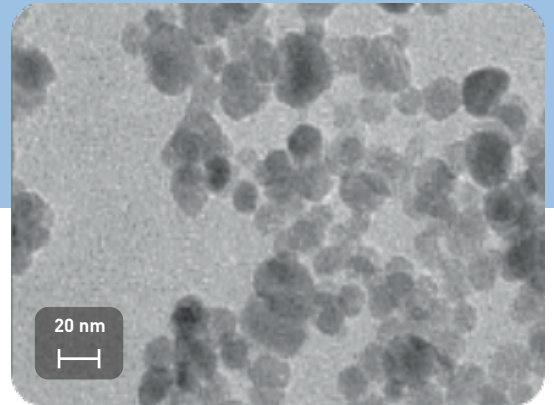


ZIRCONIUM(IV)-OXIDE

ZrO₂-70



TEM of ZrO₂

TECHNICAL DATA

PROPERTIES		TESTING METHOD	
Specific surface area	(m ² /g)	70 ± 5	BET
Primary particle size	(nm)	15 - 20	TEM
Agglomerate size	(µm)	0.3 - 0.5	DLS
Colour		white	
Chrystallographic phase		tetragonal + monoclinic	XRD
Purity	(wt.-%)	> 99	ICP
Bulk density	(kg/m ³)	80	

POTENTIAL APPLICATIONS

- Grinding and polishing agents
- 3D printing