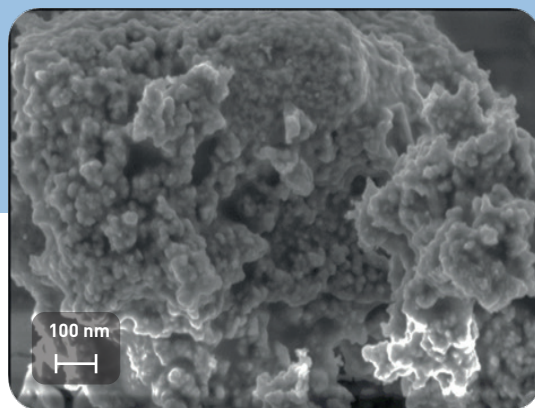
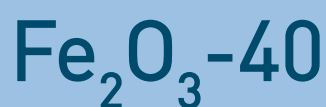


IRON(III)-OXIDE



SEM of Fe₂O₃

TECHNICAL DATA

PROPERTIES		TESTING METHOD	
Specific surface area	(m ² /g)	40 ± 2	BET
Primary particle size	(nm)	35 - 40	SEM
Agglomerate size	(µm)	5 - 10	DLS
Colour		red	
Chrystallographic phase		hematite	XRD
Purity	(wt.-%)	> 99	ICP
Bulk density	(kg/m ³)	200 - 300	

POTENTIAL APPLICATIONS

- Corrosion protection
- Catalysts
- Lubricants
- Battery material