

Data Sheet

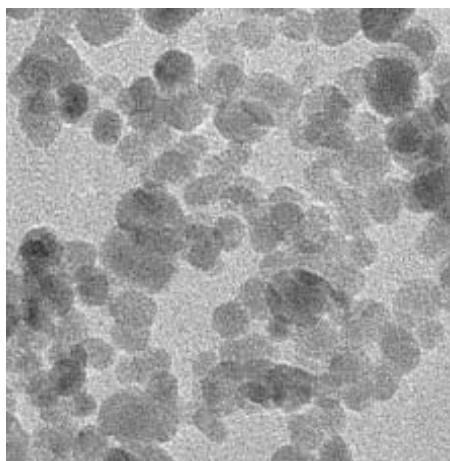
Zircox™ 3Y-15

ZrO₂ stabilized with 3 mol-% Y₂O₃

nano sized powder produced by pulsation reactor technique

Technical Data – Zircox™ 3Y-15:

Properties			Testing method
Specific surface area	[m ² /g]	70 ± 5	BET
Particle shape		spherical	TEM
Average particle size, d ₅₀	[nm]	15 ± 3	TEM
Colour		white	
Chrystallographic phase		tetragonal	X-ray diffraction
Purity ZrO ₂ (stabilized)	[wt.%]	>99.00	ICP-OES



TEM of Zircox™ 3Y-15