

Zirconium Oxide Nanoparticle (ZrO₂, 99+%, 40 nm)

Stock #: US3600

Please click [here](#) for price information.

Details:

Zirconium Oxide Nanopowder, ZrO₂

Purity: >99%

Crystal phases: monoclinic

APS: 40 nm

SSA: 20-40m²/g

Color: white

Morphology: spherical

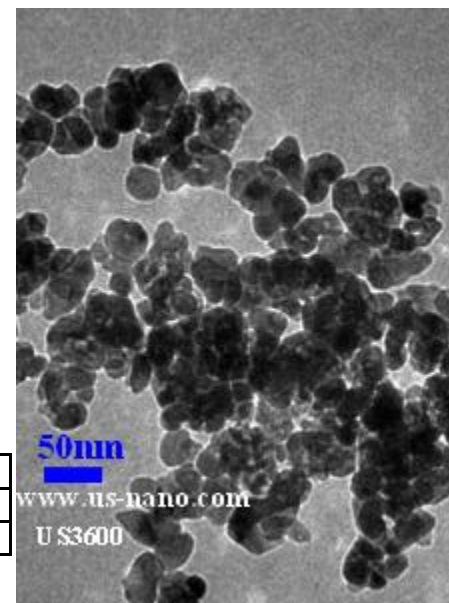
True density: 5.89 g/cm³

Certificate of Analysis					
ZrO ₂	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	Cl
≥99%	≤0.026%	≤0.005%	≤0.06%	≤0.03%	≤0.05%

Applications:

1. Functional ceramics, ceramic pigment, high-purity pigment, porcelain glaze. 2. Pyrooptical element, oxygen-sensitive element, high-capacity capacitor, optical storage, image display element, light modulated element, light shutter, stereotelevision glasses, image storage and display element. 3. Abrasive material, insulating material, fire-retarding material, roentgenography. 4. High-temperature and corrosion resisting components, bearing nozzle, smelting crucible. 5. Piezoelectric element, ion exchanger, solid dielectric, filter, temperature and pressure transmitters and transmitting elements, electrode used for magnetic-current generator, heating element. 6. Jewellery: artificial jewel. 7. Fuel, battery.

[MSDS](#)



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