

Product Technical Information

Sprayable Yttria Stabilized Zirconia (YSZ) Nanox™ Powder S4007

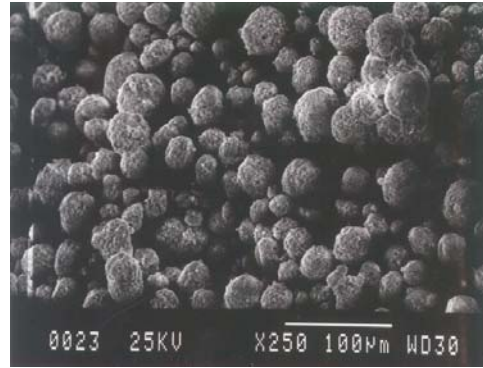
Thermal Spray Grade

Yttria stabilized zirconia is a ceramic material used as thermal barrier coatings (TBC).

Nanox™ S4007 feedstock powder is agglomerated nanoparticles with high density and flowability.

Morphology

SEM micrograph typical of Nanox™ S4007 feedstock powder showing spherical geometry with high flowability.



Properties of Nanox™ S4007 Powder

Y₂O₃ : ZrO₂ wt ratio

7 : 93

agglomerated powder size
tap density

15 - 150 µm
1.4 - 1.7 g/cm³

Contact Information

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