

Yttria stabilized zirconia

Product	Yttria stabilized zirconia (evaporation material)
Manufacturer	Nexceris, LLC
Composition	78–94% zirconium oxide, 4–20% yttrium oxide, 1–2% hafnium oxide, 0–3% aluminum oxide; solid
Synonyms	YSZ, yttrium stabilized zirconium oxide, zirconium (IV) oxide - yttria stabilized
Typical Uses	Thin-film material deposited via electron-beam evaporation
Hazards	1 0 0
Storage	PVD materials cabinet in 10k area.
Disposal	Regular garbage bins in 10k area.
Comments	Approved for deposition in <i>Electron-Beam Evaporation System #1 (Gomez)</i> . Use in a graphite or tungsten crucible liner.
Status	



Check First

Please contact a nanoFAB staff member for uses not listed above.