

# Yttria stabilized zirconia

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



## Check First

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