

Product	Purity (min.)	Standard Ratio	Delivery Form
A			
Al	Aluminum	99.5 – 99.99 %	Granules, Slug, Tablets, Planar Target
Al ₂ O ₃	Aluminum Oxide	99.5 – 99.999 %	Granules, Slug, Tablets, Planar Target
C			
CeF ₃	Cerium Fluoride	99.9 %	Granules, Tablets
CeO ₂	Cerium Dioxide	99.5 – 99.9 %	Granules, Slug, Tablets, Planar Target
Cr	Chromium	99.7 – 99.9 %	Granules, Slug, Tablets, Planar Target
Cryolite	Cryolite	99.5 – 99.9 %	Granules, Slug
H			
Hf	Hafnium	99.5 – 99.9 %	Slug, Tablets, Planar Targets
HfO ₂	Hafnium Dioxide	99.9 %	Granules, Tablets
HfO ₂ /Al ₂ O ₃	Hafnium Dioxide / Aluminum Oxide	99.9 %	on request Granules, Tablets
HfO ₂ /Y ₂ O ₃	Hafnium Dioxide / Yttrium Oxide	99.9 %	on request Granules, Slug, Tablets, Planar Target
HfO ₂ /ZrO ₂	Hafnium Dioxide / Zirkonium Dioxide	99.9 %	on request Granules, Tablets
I			
ITO	Indium Tin Oxide	99.99 %	90:10 wt% Planar Target
M			
MgF ₂ /Cr	Magnesium Fluoride/ Chromium	99.9 %	Granules
MgO	Magnesium Oxide	99.9 %	Granules, Tablets, Planar Target
N			
Nb	Niobium	99.8 – 99.9 %	Slug, Planar Target
NbOx	Niobium Suboxide	99.7 – 99.9 %	Planar Target, Rotatable Target
NbO ₂	Niobium Dioxide	99.9 %	Granules, Slug, Tablets, Planar Target
Nb ₂ O ₅	Niobium Pentoxide	99.9 %	Granules, Slug, Tablets, Planar Target
P			
Pr ₆ O ₁₁	Praseodymium Oxide	99.8 – 99.99 %	Granules, Slug
Pr ₆ O ₁₁ /Al ₂ O ₃ (PrAlO ₃)	Praseodymium Oxide / Aluminum Oxide	99.8 – 99.99 %	Granules
Pr ₆ O ₁₁ /TiO ₂ (PrTiO ₃)	Praseodymium Oxide / Titanium Dioxide	99.8 – 99.99 %	Granules
S			
Si	Silicon	99.9 – 99.999 %	Planar Target, Rotatable Target
SiO ₂	Silicon Dioxide	99.9 – 99.99 %	Granules, Tablets, Planar Target
SiO ₂ /Mo	Silicon Dioxide / Molybdenum	99.9 %	Granules, Tablets
T			
Ta	Tantalum	99.9 %	Planar Target, Rotatable Target
TaOx	Tantalum Suboxide	99.95 %	Rotatable Target
Ta ₂ O ₅	Tantalum Pentoxide	99.9 – 99.99 %	Granules, Slug, Tablets, Planar Target
Ta ₂ O ₅ /Nb ₂ O ₅	Tantalum Pentoxide / Niobium Pentoxide	99.9 – 99.99 %	Granules, Tablets, Planar Target
TiO	Titanium Oxide - TIRU [®] 1	99.9 %	Granules, Slug, Tablets, Planar Target
TiOx	Titanium Oxide - TIRU [®]	99.9 %	Planar Target
TiO ₂	Titanium Dioxide	99.9 %	Granules, Slug, Tablets, Planar Target
Ti ₂ O ₃	Titanium Oxide - TIRU [®] 2	99.9 %	Granules, Slug, Tablets, Planar Target
Ti ₃ O ₅	Titanium Oxide - TIRU [®] 3	99.9 %	Granules, Slug, Tablets, Planar Target
Ti ₅ O ₉	Titanium Oxide - TIRU [®] 5	99.9 %	Granules, Slug, Tablets, Planar Target

Product		Purity (min.)	Standard Ratio	Delivery Form
W				
WO ₃	Tungsten Trioxide	99.9 %		Granules, Tablets
Y				
Y ₂ O ₃	Yttrium Trioxide	99.9 %		Granules, Tablets
Z				
ZnO	Zinc Oxide	99.95 %	pure and doped with 300 ppm Al ₂ O ₃	Granules, Slug, Planar Target, Rotatable Target
ZnO/Al ₂ O ₃	Zinc Oxide/Aluminum Oxide - AZOY®	99.95 %	99.5:0.5, 99:1, 98:2 wt%	Granules, Slug, Planar Target
Zr	Zirconium	99.2 %		Planar Target, Rotatable Target
ZrOx	Zirconium Suboxide	99 %		Rotatable Target
ZrO ₂	Zirconium Dioxide	99.8 – 99.99 %		Granules, Slug, Tablets
ZrO ₂ /HfO ₂	Zirconium Dioxide / Hafnium Dioxide	99.9 %		Granules, Tablets
ZrO ₂ /TiO ₂	Zirconium Dioxide / Titanium Dioxide	99.8 – 99.99 %		Granules, Slug, Tablets
ZrO ₂ /Y ₂ O ₃	Zirconium Dioxide / Yttrium Trioxide	99.8 – 99.99 %		Granules, Slug, Tablets, Planar Target

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