



TANTALUM PENTOXIDE Ta₂O₅

Grades Available

Name	Standard Ta ₂ O ₅		Standard Ta ₂ O ₅	High Purity Ta ₂ O ₅
	FTa ₂ O ₅ -1	FTa ₂ O ₅ -2	FTa ₂ O ₅ -3	FTa ₂ O ₅ -4
Grade ¹⁾	TAO S1	TAO S2	TAO S3	TAO S4
Appearance:	White or pale yellow powder			

Trace Elements

Nb	≤ 0.003 %	≤ 0.02 %	≤ 0.2 %	≤ 0.003
Ti	≤ 0.001 %	≤ 0.002 %	≤ 0.005 %	≤ 0.0003 %
W	≤ 0.001 %	≤ 0.003 %	-	≤ 0.0005 %
Mo	≤ 0.001 %	≤ 0.002 %	≤ 0.005 %	≤ 0.0005 %
Cr	≤ 0.001 %	≤ 0.003 %	-	≤ 0.0003 %
Mn	≤ 0.001 %	≤ 0.002 %	≤ 0.005 %	≤ 0.0003 %
Fe	≤ 0.004 %	≤ 0.01 %	≤ 0.03 %	≤ 0.0005 %
Ni	≤ 0.002 %	≤ 0.005 %	-	≤ 0.0003 %
Cu	≤ 0.002 %	≤ 0.005 %	-	≤ 0.0005 %
Al	≤ 0.002 %	≤ 0.002 %	≤ 0.015 %	≤ 0.0005 %
Si	≤ 0.003 %	≤ 0.01 %	≤ 0.02 %	≤ 0.0013 %
F	≤ 0.05 %	≤ 0.1 %	≤ 0.15 %	≤ 0.007 %
Sn	-	-	-	≤ 0.0003 %

Applications	Ta powders for capacitors	Ta wire & others	TaC powders for Cemented Carbides	Optical Crystals
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1) Specific requirements may be requested by customer

Packing

Material in a polyethylene bag within steel drum
25kg, 50kg, 100kg, 200kg or 250kg net per drum
Analysis certificate is available for each lot