

# Tantalum Powder

## QC325 Tantalum Powder



Test Name	Master Insp. Char.	LSL	USL	Units
Fisher SS Average Particle Diameter ( $\mu$ )	10000666	5.7	9.5	micron
Scott Bulk Density ( $g/in^3$ )	10000935	80.5	96.7	$g/in^3$
Tap Density	50000424	6.3	8	$g/cm^3$
P.S.T. 270 & 325 Mesh, +270 Fraction	50000089		0	%
P.S.T. 270 & 325 Mesh, (-270 +325) Fraction	50000090		3	%
P.S.T. 270 & 325 Mesh, -325 Fraction	50000091		> 97.0	%
Carbon (C)	10000026		50	ppm
Hydrogen (H)	10000051		19	ppm
Nitrogen (N)	10000083		49	ppm
Oxygen (O)	10000086		1,699	ppm
Sulfur (S)	10000115		9	ppm
Aluminum (Al)	10000004		9	ppm
Calcium (Ca)	10000022		4	ppm
Chromium (Cr)	10000030		4	ppm
Copper (Cu)	10000036		4	ppm
Iron (Fe)	10000053		19	ppm
Potassium (K)	10000092		9	ppm
Magnesium (Mg)	10000062		4	ppm
Manganese (Mn)	10000067		4	ppm
Molybdenum (Mo)	10000074		19	ppm
Sodium (Na)	10000107		4	ppm
Niobium (Nb)	10000082		19	ppm
Nickel (Ni)	10000076		19	ppm
Phosphorus (P)	10000089		9	ppm
Silicon (Si)	10000099		9	ppm
Tin (Sn)	10000126		4	ppm
Titanium (Ti)	10000128		4	ppm



Test Name	Master Insp. Char.	LSL	USL	Units
Vanadium (V)	10000136		4	ppm
Tungsten (W)	10000134		29	ppm
Zirconium (Zr)	10000142		4	ppm
Total Metallics	10000131		49	ppm

Access Materion material Safety Data Sheets on [materion.com](https://www.materion.com).