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Certified to ISO 9001 & 14001

## **PURE TUNGSTEN ROD, WIRE, PLATE & SHEET** **MATERIAL DATA SHEET**

The chemical composition complies with ASTM requirements for powder lot analysis. Actual finished part chemical analysis and mechanical properties are not routinely evaluated per ASTM requirements. ASTM specifications and test methods are used as guidelines to control and monitor our processes to assure product quality. Applicable ASTM Material Standards: Rod/Wire – **F288-96 (re-approved 2002)**, plate/sheet – **B760-86 (re-approved 1999)**.

This product meets the requirements of low copper and mercury-free materials.

<b>CHEMICAL COMPOSITION</b>			
W:(excluding gasses)	99.95% Min.	K:	20 PPM Max.
Al:	25 PPM Max.	Mo:	50 PPM Max.
C:	50 PPM Max.	Na:	20 PPM Max.
Cr:	20 PPM Max.	Ni:	30 PPM Max.
Cu:	10 PPM Max.	O:	50 PPM Max.
Fe:	30 PPM Max.	Si:	40 PPM Max.

All other elements are contained at <20 ppm.

All products are compliant with EU RoHS Directive 2002/95/EC.