



1560 Lisbon Street, Lewiston, Maine 04240  
Telephone: 207-333-6100 • Toll Free: 800-343-8008 (USA)  
www.elmettechnologies.com

Certified to ISO 9001 & 14001

## **NON-SAG TUNGSTEN ROD & WIRE** **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 Standard: **F288-96 (re-approved 2002)**.

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

<b>CHEMICAL COMPOSITION</b>			
W:	99.95% Min.	K:	100 PPM Max.
Al:	35 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.
Zn:	10 PPM Max.		

All other elements are contained at <20 ppm.

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

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