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Certified to ISO 9001 & 14001

MOLYBDENUM – TUNGSTEN ALLOY (MB) 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 Standards: **none**:

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

CHEMICAL COMPOSITION			
Mo + W (combined)	99.95% min	K:	30 PPM Max.
Mo	48.5% min	Mg:	10 PPM Max.
W	48.5% min	N:	20 PPM Max.
Al:	25 PPM Max.	Na:	20 PPM Max.
C:	50 PPM Max.	Ni:	50 PPM Max.
Ca:	20 PPM Max.	O:	50 PPM Max.
Cd:	15 PPM Max.	Pb:	10 PPM Max.
Cr:	20 PPM Max.	Si:	35 PPM Max.
Cu:	10 PPM Max.	Sn:	20 PPM Max.
Fe:	50 PPM Max.		

The above is for the standard Elmet offering. Wire can be rated by diameter or by resistance value. Other compositional ratios available upon request.

All other elements are contained at <20 ppm.

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

OfficeDocs(K:)\CompanyDocs\Certs\Molybdenum-Tungsten Alloy Wire Products

rv-12/06