

MOLYBDENUM METAL POWDER **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: **none**.

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

CHEMICAL COMPOSITION			
Mo:(excluding gasses)	99.95% Min.	Na:	20 PPM Max.
Al:	50 PPM Max.	Ni:	50 PPM Max.
Cr:	20 PPM Max.	O:	0.1% Max.
Cu:	10 PPM Max.	Si:	50 PPM Max.
Fe:	50 PPM Max.	W:	300 PPM Max.
K:	50 PPM Max.		

TYPICAL PHYSICAL PROPERTIES

FISHER APS:	<u>3.5 – 5</u>		μm
SCOTT DENSITY:	<u>16 - 25</u>		g/in ³
TAP DENSITY:	<u>2.0 – 3.0</u>		g/cm ³
SIFTED MESH:	<u>- 250 mesh</u>		(Tyler) (< 63 microns)

All other elements are contained at <20 ppm.

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

Data Sheet - Molybdenum MOD Metal Sales Powder

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