

### LANTHANATED MOLYBDENUM PLATE & SHEET MATERIAL DATASHEET

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**. ASTM Standard **B386-91 (re-approved 1997)** is used as a guide, except for O levels.

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

<b>CHEMICAL COMPOSITION</b>			
Mo:	99.00% Min.	La <sub>2</sub> O <sub>3</sub> : (Lanthanum Oxide)	0.875% Max
Al:	25 PPM Max.	N:	20 PPM Max.
C:	50 PPM Max.	Na:	20 PPM Max.
Cr:	20 PPM Max.	Ni:	50 PPM Max.
Cu:	10 PPM Max.	O: (free O not tied to Lanthanum Oxide)	50 PPM Max.
Fe:	50 PPM Max.	Si:	25 PPM Max.
K:	30 PPM Max.	W:	300 PPM Max.

All other elements are contained at <20 ppm.

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