

## MOLYBDENUM POWDER PRODUCTS

# PURE MOLYBDENUM OMPF Powder (99.8%)

This specification covers the typical properties of fine molybdenum powder for applications like catalysts, conductive inks or alloy additions. The molybdenum content of the powder is 99.8 % minimum.

### CHEMICAL CHARACTERISTICS<sup>1</sup>

(Mass fraction in % [cg/g]; ppm [ $\mu\text{g/g}$ ])

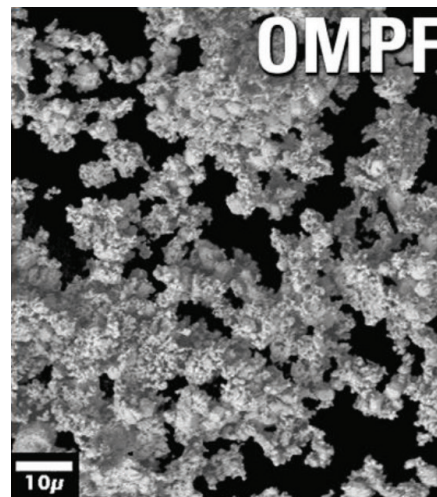
Mo (excluding gases)	min.	99.8 %
O	max.	0.150 %
Cr	max.	0.010 %
Fe	max.	0.040 %
Mg	max.	0.002 %
Ni	max.	0.020 %
Si	max.	0.025 %
Sn	max.	0.008 %

### PHYSICAL CHARACTERISTICS

Mesh Size - 250  $\mu\text{m}$  (-60 mesh)

Fisher Number 1.5 - 3.0  $\mu\text{m}$   
(as supplied)

Apparent Density<sup>2</sup> min. 0.6  $\text{g/cm}^3$  (min. 10g/inch<sup>3</sup>)



<sup>1</sup> Information on testing methods on request. <sup>2</sup> SCOTT VOLUMETER per ASTM B 329.

## PACKAGING

The molybdenum powder is shipped in non-returnable polyethylene-lined 20 l (5 gallon) plastic pails or 60 l (15 gallon) steel drums. Special packaging inquiries welcome.

## STORAGE AND HANDLING

Storage and handling are subject to the rules and regulations in the country of use.

**Hazards identification in Advertising (Directive 67/548/EEC Article 26, Directive 1999/45/EC Article 13 and REGULATION (EC) No 1272/2008 Article 48) none.**



### ELMET TECHNOLOGIES

1560 Lisbon Street • Lewiston, Maine 04240

P +1.207.333.6100

sales@elmettech.com

www.elmettechnologies.com

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