

MOLYBDENUM POWDER PRODUCTS

Number PD-8001 Issue 1-24.04.2008

## PURE MOLYBDENUM OMPF Powder (99.8 %)

**Description of Product** 

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.

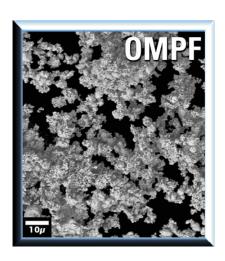
## Chemical Characteristics<sup>1)</sup>

(Mass fraction in % [cg/g]; ppm [µg/g])

Mo (excluding gases)	min.	99.8	%
0	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		μm	(- 60 mesh)	
Fisher Number	1.5 -	3.0	μm		
(as supplied)					
Apparent Density <sup>2)</sup>	min	0.6	$\alpha/cm^3$	(min 10 a/inch <sup>3</sup> )	





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**Packaging** The molybdenum powder is shipped in non-returnable polyethylene-lined

20 I (5 gallon) plastic pails or 60 I (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.

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