

MOLYBDENUM POWDER PRODUCTS

Number PD-8001
Issue 1-24.04.2008

PURE MOLYBDENUM OMPF Powder (99.8 %)

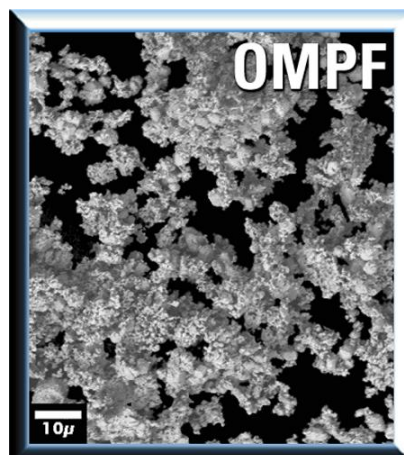
Description of Product This specification covers the typical properties of fine molybdenum powder for applications like catalysts, conductive inks or alloy additions. The molybdenum content of the powder is 99.8 % minimum.

Chemical Characteristics¹⁾
(Mass fraction in % [cg/g]; ppm [μ 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	μ m	(- 60 mesh)
Fisher Number (as supplied)	1.5 - 3.0	μ m	
Apparent Density ²⁾	min. 0.6	g/cm ³	(min. 10 g/inch ³)



1) Information on testing methods on request, 2) SCOTT VOLUMETER per ASTM B 329.

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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.

H.C. Starck Inc.
45 Industrial Place
Newton, MA 02461-1951 / USA
Phone +1 (617) 630-5800, Fax +1 (617) 630-5879