

MOLYBDENUM POWDER PRODUCTS

Number PD-8003
 Issue 0-11.01.2005

PURE MOLYBDENUM PDMP Powder (99.95 %)

Description of Product This specification covers a plasma densified pure molybdenum powder designed for thermal spray applications. The particles are melted to achieve near theoretical density and spherical shape. This powder is free flowing for applications requiring high coating densities. The powder is produced in both a coarse and fine grade.

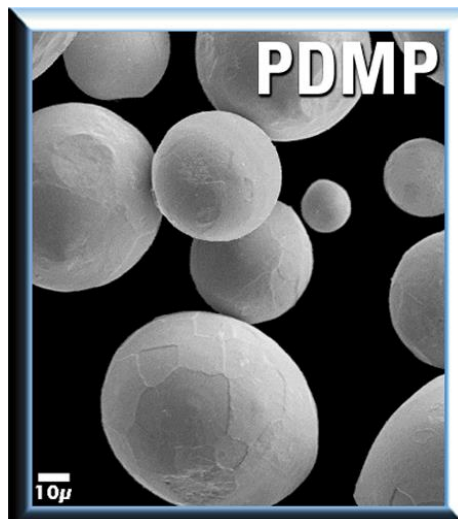
Chemical Characteristics¹⁾
 (Mass fraction in % [cg/g]; ppm [μ g/g])

Mo (excluding gases) min. 99.5 %

Physical Characteristics

Bulk Density (Scott) min. 80 g/inch³
 Hall Flow (coarse grade) max. 15 sec./50 g
 Sieve Analysis

	Coarse		Fine	
+ 170 mesh	max. 1 %		+ 325 mesh	max. 1 %
+ 200 mesh	max. 15 %		- 325 mesh	min. 99 %
+ 325 mesh	min. 80 %			



1) Information on testing methods on request.

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Packaging The molybdenum powder is shipped in non-returnable polyethylene-lined 5-gallon plastic pails or 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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