

MOLYBDENUM POWDER PRODUCTS

Number PD-8005
 Issue 1-17.03.2008

PURE MOLYBDENUM RTP Powder (99.95 %)

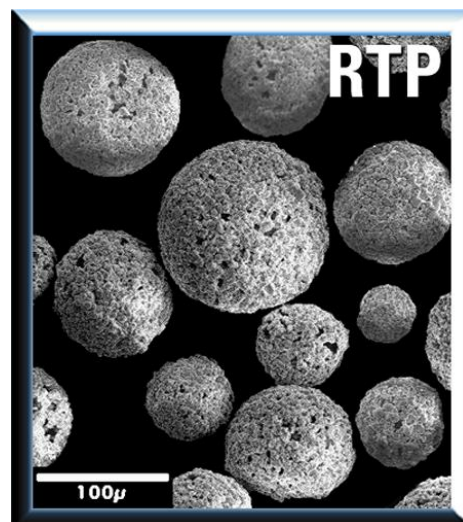
Description of Product This specification covers Ready-to-Press molybdenum powder, which is a uniformly agglomerated pure molybdenum powder designed for uniform mold filling and high pressed and sintered density. The powder contains an organic binder. The agglomerates are porous spheres and are free flowing.

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

Mo (excluding O and C)	min.	99.95	%
C	max.	1.1	%
O	max.	1.1	%

Physical Characteristics

Apparent Density	1.6 - 2.3	g/cm ³	(27 - 37 g/inch ³)
Hall Flow	max. 35	s/50 g	
Sieve Analysis			
+ 150 μ m (+ 100 mesh)	max.	2.5	%
- 45 μ m (- 325 mesh)	max.	10	%



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.

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