

H.C. Starck Type I Pure Molybdenum MIMP Powder

Category : Metal , Nonferrous Metal , Molybdenum Alloy , Refractory Metal , Pure Element

Material Notes:

Description of Product: Highly deagglomerated high purity molybdenum powder for any applications requiring the most finely deagglomerated powders like paste or metal injection molding applications. Information provided by H.C. Starck.

Order this product through the following link:

http://www.lookpolymers.com/polymer_HC-Starck-Type-I-Pure-Molybdenum-MIMP-Powder.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	2.00 - 3.50 g/cc	0.0723 - 0.126 lb/in ³	Scott Volumeter per ASTM B329
Particle Size	4.0 - 8.0 Åµm	4.0 - 8.0 Åµm	D 50%; Laser Light Diffraction per ASTM C1070
	<= 20 Åµm	<= 20 Åµm	D 99%; Laser Light Diffraction per ASTM C1070

Component Elements Properties	Metric	English	Comments
Chromium, Cr	<= 0.0050 %	<= 0.0050 %	
Iron, Fe	<= 0.010 %	<= 0.010 %	
Magnesium, Mg	<= 0.0010 %	<= 0.0010 %	
Molybdenum, Mo	>= 99.95 %	>= 99.95 %	excluding gases
Nickel, Ni	<= 0.0050 %	<= 0.0050 %	
Oxygen, O	<= 0.25 %	<= 0.25 %	
Silicon, Si	<= 0.0030 %	<= 0.0030 %	
Tin, Sn	<= 0.0030 %	<= 0.0030 %	

Descriptive Properties	Value	Comments
Fisher Number	3.5 to 5.5 Åµm	

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