

H.C. Starck 2603 Molybdenum Powder Metallurgy Alloy ODS Mo-La

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

Material Notes:

Powder Metallurgy Plate 2603 Description of Product: This specification covers rolled, oxide-dispersion strengthened (ODS) molybdenum alloy (molybdenum + 2 vol% La₂O₃) sheet produced from pressed and sintered powder metallurgy sheet bar. Structure: Sheet will be supplied in a stress relieved condition unless otherwise requested. Information provided by H.C. Starck.

Order this product through the following link:

http://www.lookpolymers.com/polymer_HC-Starck-2603-Molybdenum-Powder-Metallurgy-Alloy-ODS-Mo-La.php

Component Elements Properties	Metric	English	Comments
Aluminum, Al	<= 0.0020 %	<= 0.0020 %	
Calcium, Ca	<= 0.0030 %	<= 0.0030 %	
Carbon, C	<= 0.0050 %	<= 0.0050 %	
Chromium, Cr	<= 0.010 %	<= 0.010 %	
Copper, Cu	<= 0.0020 %	<= 0.0020 %	
Iron, Fe	<= 0.010 %	<= 0.010 %	
Lanthanum, La	1.0 - 1.2 %	1.0 - 1.2 %	
Lead, Pb	<= 0.0020 %	<= 0.0020 %	
Magnesium, Mg	<= 0.0010 %	<= 0.0010 %	
Manganese, Mn	<= 0.0010 %	<= 0.0010 %	
Molybdenum, Mo	>= 98.7 %	>= 98.7 %	by difference
Nickel, Ni	<= 0.0050 %	<= 0.0050 %	
Oxygen, O	<= 0.25 %	<= 0.25 %	
Silicon, Si	<= 0.0050 %	<= 0.0050 %	
Tin, Sn	<= 0.0030 %	<= 0.0030 %	
Titanium, Ti	<= 0.0020 %	<= 0.0020 %	

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