

MarkeTech Mo70Cu Moly/Copper Heat Sink Material

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

Material Notes:

MoCu alloys are made by sintering molybdenum and copper together. This results in a heat sink of lower density than tungsten-based materials, low thermal expansion, and excellent thermal conductivity. Other features include Sheets can be stamped when moly is less than 70% Non magnetic Can be gold or nickel plated Data provided by the supplier, MarkeTech International.

Order this product through the following link:

http://www.lookpolymers.com/polymer_MarkeTech-Mo70Cu-MolyCopper-Heat-Sink-Material.php

Physical Properties	Metric	English	Comments
Density	9.60 - 9.80 g/cc	0.347 - 0.354 lb/in ³	

Thermal Properties	Metric	English	Comments
CTE, linear	7.80 - 8.40 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$	4.33 - 4.67 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$	
	@Temperature 20.0 - 100 $\text{Å}^\circ\text{C}$	@Temperature 68.0 - 212 $\text{Å}^\circ\text{F}$	
Thermal Conductivity	190 - 200 W/m-K	1320 - 1390 BTU-in/hr-ft $\text{Å}^2\cdot\text{Å}^\circ\text{F}$	

Component Elements Properties	Metric	English	Comments
Copper, Cu	30 %	30 %	
Molybdenum, Mo	≥ 70 %	≥ 70 %	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China