

## Plansee MoCu40 Molybdenum-Copper

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

### Material Notes:

Characteristics:High thermal conductivityLow thermal expansionIdeal for heat dissipation applications related to: IGBT modules, RF packages, and LED chips, among others.Information provided by Plansee.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Plansee-MoCu40-Molybdenum-Copper.php](http://www.lookpolymers.com/polymer_Plansee-MoCu40-Molybdenum-Copper.php)

Physical Properties	Metric	English	Comments
Specific Gravity	9.60 g/cc	9.60 g/cc	

Thermal Properties	Metric	English	Comments
CTE, linear	8.70 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	4.83 $\mu\text{in}/\text{in}\cdot^{\circ}\text{F}$	
Thermal Conductivity	215 W/m-K	1490 BTU-in/hr-ft <sup>2</sup> - $^{\circ}\text{F}$	

Component Elements Properties	Metric	English	Comments
Copper, Cu	40 %	40 %	
Molybdenum, Mo	60 %	60 %	

## Contact Songhan Plastic Technology Co.,Ltd.

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