

## MarkeTech Cu/Mo/Cu 1:3:1 Laminated Sheet

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

### Material Notes:

Cu/MoCu sheets have very high in-plane thermal conductivity provide by layers of Cu and low CTEs provided by the inner layer of molybdenum. These laminated sheets spread heat from a concentrated heat source and subsequently dissipate the heat through the layers. Used as heat sinks.Data provided by the supplier, MarkeTech International.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MarkeTech-CuMoCu-131-Laminated-Sheet.php](http://www.lookpolymers.com/polymer_MarkeTech-CuMoCu-131-Laminated-Sheet.php)

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

Thermal Properties	Metric	English	Comments
CTE, linear	7.70 - 8.10 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$	4.28 - 4.50 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$	
	@Temperature 20.0 - 100 $\text{Å}^\circ\text{C}$	@Temperature 68.0 - 212 $\text{Å}^\circ\text{F}$	
Thermal Conductivity	180 - 190 W/m-K	1250 - 1320 BTU-in/hr-ft $\text{Å}^2\cdot\text{Å}^\circ\text{F}$	z direction
	240 - 250 W/m-K	1670 - 1740 BTU-in/hr-ft $\text{Å}^2\cdot\text{Å}^\circ\text{F}$	x-y direction
Maximum Service Temperature, Air	850 $\text{Å}^\circ\text{C}$	1560 $\text{Å}^\circ\text{F}$	resists repeated cycles

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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