

## Mateck Al2O3

Category : Ceramic , Oxide , Aluminum Oxide

**Material Notes:**

Substrate bicrystals for superconductivity

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Mateck-Al2O3.php](http://www.lookpolymers.com/polymer_Mateck-Al2O3.php)

Physical Properties	Metric	English	Comments
a Lattice Constant	4.758 Å...	4.758 Å...	
c Lattice Constant	12.99 Å...	12.99 Å...	

Thermal Properties	Metric	English	Comments
CTE, linear	7.50 Åµm/m-Å°C	4.17 Åµin/in-Å°F	
Melting Point	2030 Å°C	3690 Å°F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	9.0	9.0	

Descriptive Properties	Value	Comments
Dimensions (mm)	10x10x0.5	
Junction Angle Å°	24Å±1	
Structure	hexagonal	
Surface Orientation Å°	1012Å±1	
Surface Roughness (angstroms)	10	
	max 50	

## 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