

## Mateck Silicon Carbide Substrate, SiC (6H)

Category : Ceramic , Carbide

**Material Notes:**

Substrate single crystals for III-V nitrides

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Mateck-Silicon-Carbide-Substrate-SiC-6H.php](http://www.lookpolymers.com/polymer_Mateck-Silicon-Carbide-Substrate-SiC-6H.php)

Physical Properties	Metric	English	Comments
a Lattice Constant	3.08 Å	3.08 Å	
c Lattice Constant	15.12 Å	15.12 Å	

Thermal Properties	Metric	English	Comments
Melting Point	2700 °C	4890 °F	

Descriptive Properties	Value	Comments
Growth Techniques	Lely	
Lattice Mismatch to GaN	3.5	
Orientation	(0001)	
Orientation Accuracy ( ° ), Max	30	
Polishing	one side or both sides epi-polished	
Standard Size (mm)	10 x 10, 10 x 5, thickness 0.3 mm	
State	monocrystalline	
Structure	hexagonal	
Tolerance of Length (mm)	0.05	

## 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