

MarkeTech Yttrium Aluminate (YAlO3) Single Crystal Substrate

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Data provided by the supplier, MarkeTech International. Used as a substrate for deposition of high temperature oxide superconductors.

Order this product through the following link:

http://www.lookpolymers.com/polymer_MarkeTech-Yttrium-Aluminate-YAlO3-Single-Crystal-Substrate.php

Physical Properties	Metric	English	Comments
Density	6.10 g/cc	0.220 lb/in ³	
a Lattice Constant	5.176 Å...	5.176 Å...	
c Lattice Constant	5.815 Å...	5.815 Å...	

Thermal Properties	Metric	English	Comments
CTE, linear	5.59 Åµm/m-Å°C	3.11 Åµin/in-Å°F	
	@Temperature 20.0 Å°C	@Temperature 68.0 Å°F	
Melting Point	1870 Å°C	3400 Å°F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	16 - 20	16 - 20	
Dissipation Factor	0.0010	0.0010	

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