

MarkeTech Lithium Aluminum Oxide (LiAlO₂) Single Crystal Substrate

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Data provided by the supplier, MarkeTech International. Developed for deposition of III-V nitrides for LEDs, Lasers, etc. Standard orientation: ; GaN Lattice Mismatch 1.4%.

Order this product through the following link:

[http://www.lookpolymers.com/polymer_MarkeTech-Lithium-Aluminum-Oxide-LiAlO₂-Single-Crystal-Substrate.php](http://www.lookpolymers.com/polymer_MarkeTech-Lithium-Aluminum-Oxide-LiAlO2-Single-Crystal-Substrate.php)

Physical Properties	Metric	English	Comments
Density	2.62 g/cc	0.0947 lb/in ³	Calculated
a Lattice Constant	5.17 Å...	5.17 Å...	
c Lattice Constant	6.26 Å...	6.26 Å...	

Thermal Properties	Metric	English	Comments
Melting Point	1700 Å°C	3090 Å°F	

Descriptive Properties	Value	Comments
Crystal Structure	Tetragonal	

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