

MarkeTech Lanthanum Aluminum Oxide (LaAlO₃) 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-Lanthanum-Aluminum-Oxide-LaAlO3-Single-Crystal-Substrate.php

Physical Properties	Metric	English	Comments
Density	6.51 g/cc	0.235 lb/in ³	
a Lattice Constant	3.79 Å...	3.79 Å...	
c Lattice Constant	13.11 Å...	13.11 Å...	

Thermal Properties	Metric	English	Comments
CTE, linear	9.20 Åµm/m-Å°C	5.11 Åµin/in-Å°F	
	@Temperature 20.0 Å°C	@Temperature 68.0 Å°F	
Melting Point	2180 Å°C	3960 Å°F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	24.5	24.5	

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