

HIGH PURITY ALUMINA 99.8% (HP-A 99.8)

WHAT'S IN
YOUR
RESIN?



MATERIALS DATA SHEET

PROPERTY	METRIC
Chemical Purity (%)	99.8%
Sintered Density (g/cc)	3.61
Shrinkage (%)	~ 12%
Max Operating Temperature (°C)	1750
Flexural Strength (MPa)	~ 200
Flexural Stiffness (GPa)	~200
Dielectric Constant	~9.8
Loss Tangent	~0.0002
Largest Feature Thickness (mm)	5
Smallest Feature Thickness (mm)	0.75
Smallest Hole/Channel (mm)	2

Note: Actual flexural strength and flexural stiffness outcomes are very dependent on sintering protocols and equipment