

Cvd Boron Doped Diamond

Item Number: cvdm-07



Introduction

CVD boron-doped diamond: A versatile material enabling tailored electrical conductivity, optical transparency, and exceptional thermal properties for applications in electronics, optics, sensing, and quantum technologies.

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Available dimension:	Diameter100mm, thickness 0.3-2mm
Boron Concentration [B]:	2 to 6×1020 Atoms /cm3, averaged over 0.16 mm2
Bulk Resistivity (Rv):	2 to 1.8 x 10-3 Ohm m, ± 0.25 x 10-3 Ohm m
Solvent Window:	>3.0V