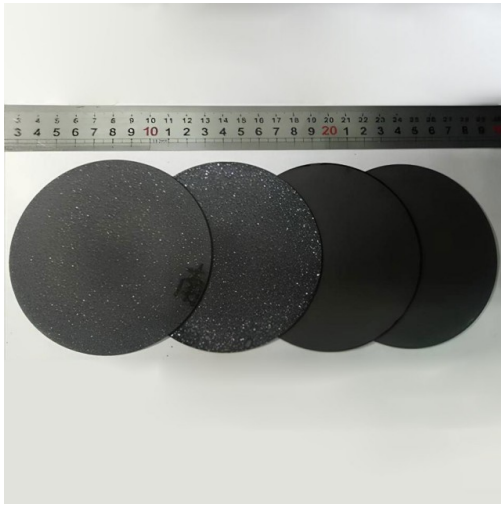


Cvd Boron Doped Diamond

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.

[Learn More](#)

Available dimension:	Diameter100mm, thickness 0.3-2mm
Boron Concentration [B]:	2 to 6 x 10 ²⁰ Atoms /cm ³ , averaged over 0.16 mm ²
Bulk Resistivity (Rv):	2 to 1.8 x 10 ⁻³ Ohm m, ± 0.25 x 10 ⁻³ Ohm m
Solvent Window:	>3.0V