



Products & Services

- Single Crystal Diamond Plates
- Polycrystalline Diamond Wafers
- Custom doped material (B, N)
- CVD, HPHT, or Natural
- Diamond Polishing
- Laser cutting
- Reactive Ion Etching (RIE)
- Brazed Diamond Windows
- Diamond assemblies
 - PCB design
 - Wire bonding
 - Metallization



Contact Us



Phone

+1 (302) 999-1132



E-mail

services@usapplieddiamond.com



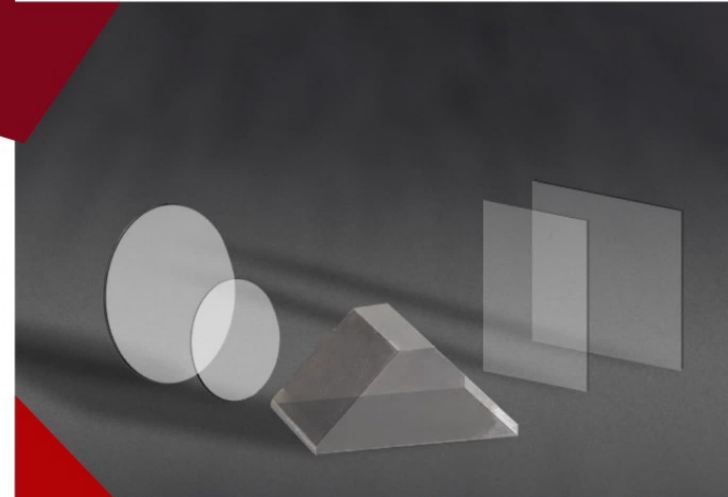
Website

www.usapplieddiamond.com



Address

3825 Lancaster Pike
Wilmington, DE 19805
USA





Single Crystal Diamond

Applied Diamond sources the best quality single crystal diamond, from standard grades through optical and electronic grade material. In addition to CVD grown diamond, we also offer HPHT and natural diamonds.

All orders are laser cut and polished to order, based on your specific request.

Custom Assemblies & Services

Already have diamond, but need it thinner? Smoother? Sliced into different shapes or sizes?



POLISHING SERVICES

Polishing is in our DNA. We regularly polish <1nm RA on single crystal parts, and <7nm RA on polycrystalline diamond.



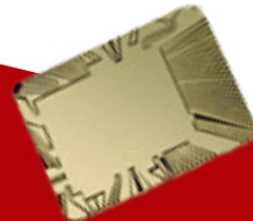
LASER SERVICES

Applied Diamond regularly cuts custom sizes and shapes from larger diamond material. Try our laser/thin/polish services to get 2 or more polished thin plates out of your thicker material!



CUSTOM ASSEMBLIES

Have a unique need for a detector? Beam position monitor? X-ray window? We love custom requests and welcome you to contact us! No minimum quantity required!



Polycrystalline Diamond

With CVD reactors in house, Applied Diamond grows polycrystalline wafers in mechanical, thermal, optical, and electronic grade to your specified thickness. From membranes with 50nm thickness through wafers exceeding 500um thick.

