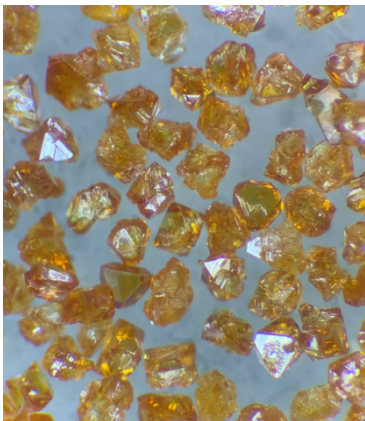




EBN – Mesh

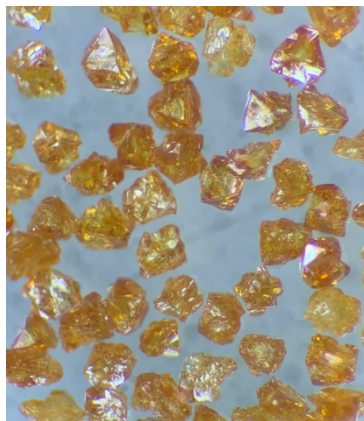
Our CBN range is used in electroplated, metal, vitrified, and resin bonds for grinding and lapping. It is the abrasive of choice when grinding steel, camshafts, crankshafts, gears, valve stems, drive shafts, CV joints, piston pins, surgical knives, steel blades, spring end grinding and so much more. It is recognized that CBN (cubic boron nitride) is second only to diamond in hardness, two times that of diamond in high temperature resistance, four times that of traditional abrasive in wear resistance, and have extraordinary thermal conductivity. Our EBN can grind more material, faster, to a higher degree of accuracy.

EBN AA



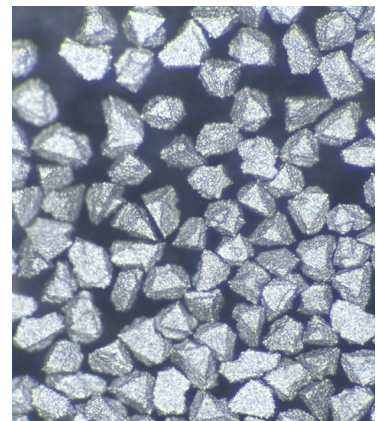
This amber colored crystal has an angular yet semi blocky shape. This allows for high thermal stability, medium to high strength, good adaptability and prolonged tool life. Ideal in single layer bonds, as well as metal and vitrified bonds.

EBN A



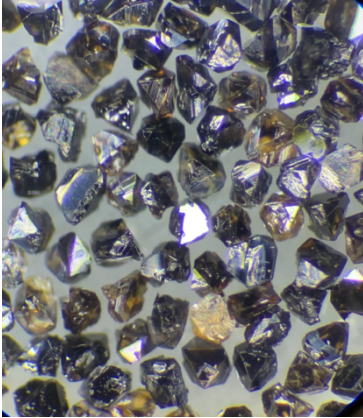
This is an amber colored crystal with a highly angular face rather than a blocky shape. This shape, combined with its high thermal stability and medium strength, makes it a highly versatile grit in wheel production using, vitrified, metal and electroplated single layer bonds.

EBN 415



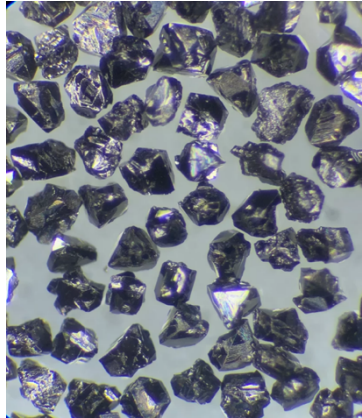
EBN 415 has been produced as a **Hybrid coated CBN crystal**. It has a dual type titanium / nickel coating, enhancing the bonding of the cbn to the coating and Increasing bond retention. For use in Vitrified & resin bonds for the high-performance grinding of carbides and steel. Free cutting and low grinding energies.

EBN 8000



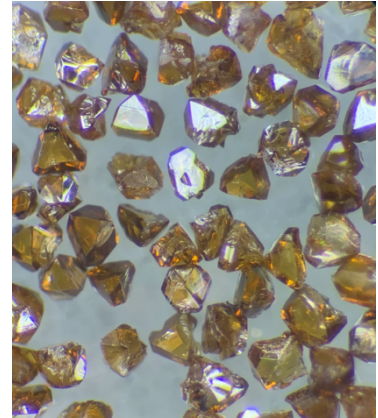
This is a high strength, macrofracture product, ensuring constant sharp cutting features. The crystal morphology between tetrahedral and octahedral enhances bond retention.

EBN 6000



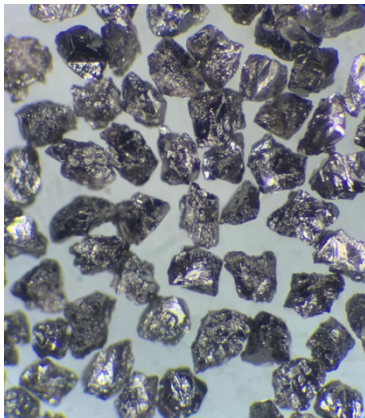
This is a high strength CBN, black in color and blocky shaped. These traits make it the product of choice in electroplated tools. This CBN offers long life performance and aggressive cutting rates.

EBN 5000

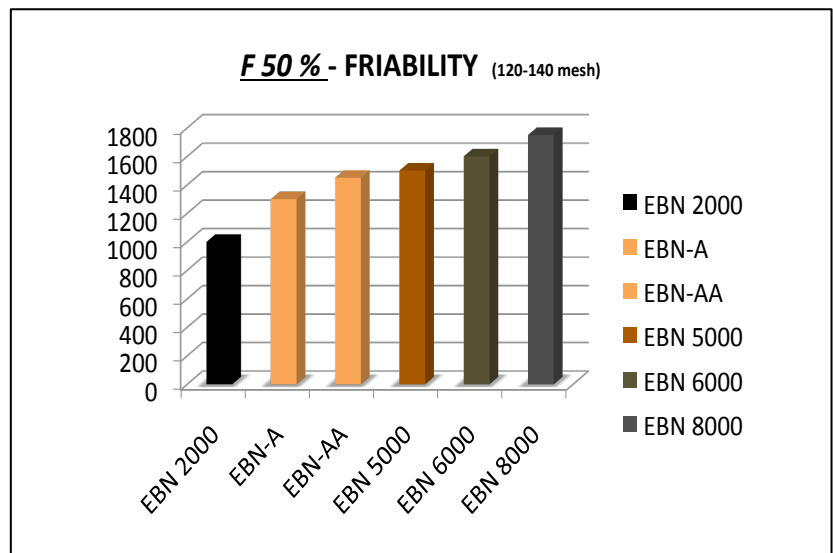


This is a super tough CBN, excellent for hardened tools, a monocrystalline product that can be used extensively in all bonds, including electroplating tools. It is particularly successful for grinding nickel and cobalt alloys.

EBN 2000



This is a strong blocky tetrahedral or octahedral crystal, with well developed faces and sharp cutting edges, for use in metal bonds and vitreous bonds, for the grinding, sharpening and honing of high-speed steels, superalloys, and cast irons over 45 HRC.



Sizes

Our EBN mesh products are available in sizes: 20/30, 30/40, 40/45, 45/50, 50/60, 60/70, 70/80, 80/100, 100/120, 120/140, 140/170, 170/200, 200/230, 230/270, 270/325, 325/400 and 400/500. For EBN microns please refer to our "EBN-microns" product section.