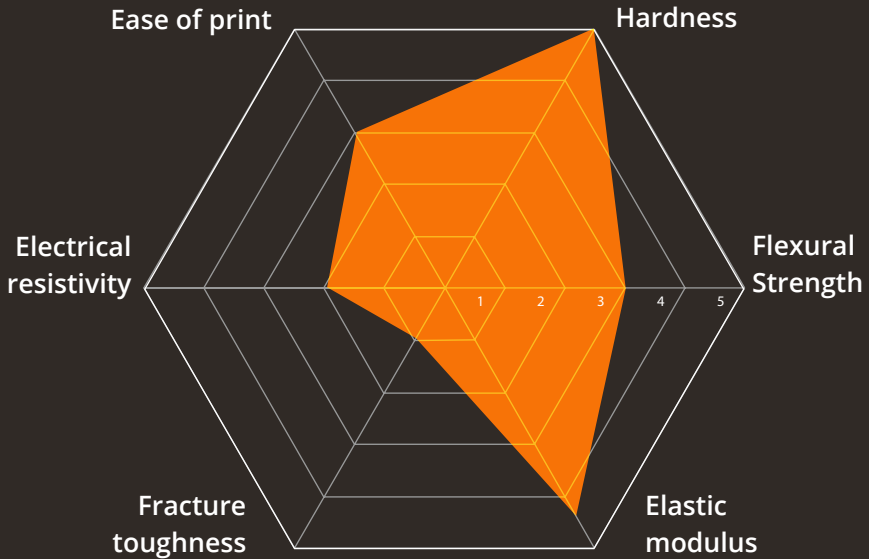




## Boron carbide



Boron carbide or Tetrabor is a chemical compound of the element boron and carbon with the chemical formula B<sub>4</sub>C. This material is an extremely hard ceramic; it is one of the hardest known materials, behind diamond. Due to its high hardness, chemical inertness, and high neutron absorption cross section, is well suited to a variety of industrial applications.

Applications: Abrasives, Nozzles, Defence, Nuclear, etc.

Density: 2.50 g/cm<sup>3</sup>

Max T° of use: 2 500°C