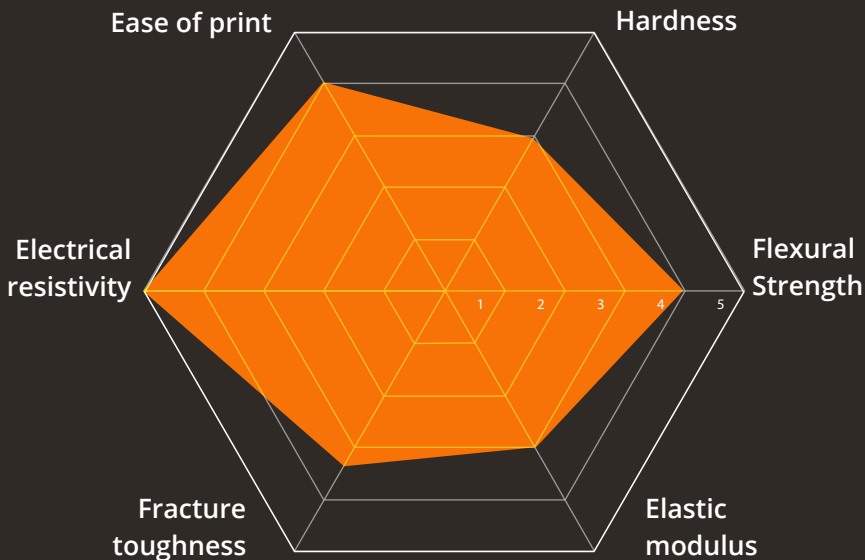




Silicon nitride



Silicon nitride is a chemical compound of the elements silicon and nitrogen with the chemical formula Si_3N_4 . It features an excellent combination of material properties such as high fracture toughness, good thermal shock resistance and good flexural strength. They are nearly as light as silicon carbide (SiC).

Applications: Photovoltaic, Automotive, General industries, Aerospace, Medical, etc.

Density: 3.20 g/cm³

Max T° of use: 1 400°C