

Silicon carbide

products are developed to meet customers' needs. The use of high purity raw materials and precise process parameters ensure a high quality and consistency of IKF materials: high strength, even at high temperatures, low thermal expansion, very high thermal conductivity, corrosion resistance under highest temperatures, very high hardness and resistance to wear.

Characteristics	Materials
<ul style="list-style-type: none">• Silicon infiltrated SiC The outstanding creep resistance at high temperatures allows heavy loads upto 1,350°C• Typical products: Beams	SC 90S SC 90 GB
<ul style="list-style-type: none">• Recrystallized SiC The outstanding creep resistance at high temperatures allows heavy loads upto 1,750°C• Typical products: Hand basin support	SC 100RG
<ul style="list-style-type: none">• Nitride bonded SiC The outstanding creep resistance at high temperatures allows heavy loads upto 1,550°C• Typical products: Columns	APTASINIT