

■ **Introduction:**

Gun resistance Boron carbide bulletproof insert plate is a high performance bulletproof material, made of boron carbide ceramics. Boron carbide ceramics is a kind of high hardness, low density, strong resistance to beating material, has excellent bulletproof performance. Boron carbide bulletproof insert plate can be used to make bulletproof shields, vehicle bulletproof plates and other bulletproof equipment, which can effectively resist high-speed bullet attacks and protect personnel and supplies from injury.

■ **Technical data sheet:**

Item	Unit	Technical Data
Density	G/cm <sup>3</sup>	2.5-2.65
Hardness	Mohs	9.3
Bending strength	Mpa	4000-5000
Flexure strength	Mpa	400-500

■ **Advantages:**

1. Lightweight: The weight of strong gun resistance Boron carbide is relatively light, so it can effectively reduce the weight of equipment and improve the convenience of carrying
2. High strength: The strength of strong gun resistance insert plate is very high, in the case of impact, explosion and other forces, can effectively protect personal safety.
3. High temperature stability: Gun resistant Boron carbide insert plate can maintain stable performance at high temperature, so it is suitable for use in high temperature environment.

