

CARBON FIBER REBAR(CFRP)

MAIN APPLICATION

Bridge renovation and reinforcement, infrastructure construction and strengthening, repair and reinforcement of ancient buildings, seismic reinforcement of civil engineering, commercial building transformation and reinforcement.



PROPERTY

Carbon fiber composite rebar is a kind of carbon fiber as a reinforcing material to epoxy resin as the matrix, after pultrusion process from the new composite materials.

Carbon fiber composite rebar with high strength, corrosion resistance, light weight and so on.

Applicable to special engineering structures, engineering reinforcement and so on.



TECHNICAL DATA

Type	CFRP
Diameter (mm)	4-26
Density (g/cm ³)	1.6-1.8
Tensile Strength (MPa)	1800-2200
E-Modulus (GPa)	140-155
Elongation (%)	1.3-1.5
Coefficient of thermal expansion (*10 ⁻⁶ /°C)	0