

GLASS FIBER REBAR (GFRP)

Glass fiber rebar, also known as glass-fiber reinforced polymer (GFRP) rebar, is a type of reinforcing bar made from fiberglass reinforced with a polymer resin. It is an alternative to traditional steel reinforcement, offering several advantages over steel rebar.

Glass fiber rebar offers a number of advantages over traditional steel reinforcement, including superior corrosion resistance, high strength-to-weight ratio, non-conductivity, and resistance to thermal expansion and contraction. It is a versatile and durable material that can be used in a variety of applications, from bridges and buildings to marine structures and transportation infrastructure.

Technical Data Sheet:

DIAMETER:	4-40 mm	SURFACE:	Ribbed/wrapped/sand coated
TENSILE STRENGTH:	600-1200 Mpa	LENGTH:	Customized
ELASTIC MODULUS:	> 40 Gpa	MATERIAL:	Fiberglass Roving & Epoxy
ULTIMATE SHEAR STRENGTH	> 150 Mpa		
DENSITY:	2.1-2.2 g/m ³		

COMMENTS: We do customized production as per projects requirement. Produce rebar from 3-40 mm diameter at various surface. Customized packing are also available.

