HAINING ANJIE COMPOSITE MATERIAL CO., LTD
JIANGSU NONGCHAOER COMPOSITE MATERIAL CO., LTD

BASALT FIBER REBAR (BFRP)

Basalt fiber rebar is a composite material that is made from basalt fiber and resin. It is a strong and durable alternative to traditional steel rebar, with several advantages over steel, including better corrosion resistance and thermal stability.

Basalt fiber rebar is lightweight and easy to handle, making it an ideal choice for use in construction applications. It is used to reinforce concrete structures such as bridges, buildings, highways, and tunnels, and it can also be used in marine applications, where its superior corrosion resistance makes it an excellent choice for use in seawalls and docks. Compared to traditional steel rebar, basalt fiber rebar is less susceptible to corrosion, which can lead to structural damage and shorten the lifespan of the structure. It is also a more sustainable and environmentally friendly choice, as it does not rust or corrode, reducing the need for ongoing maintenance and repair.

Technical Data Sheet:

DIAMETER:	4-25 mm	SURFACE:	Ribbed/wrapped/sand coated
TENSILE STRENGTH:	700-800 Mpa	LENGTH:	Customized
ELASTIC MODULUS:	± 58 Gpa	MATERIAL:	Basalt Roving & Epoxy Resin
ELONGATION:	≥1.5%		
DENSITY:	1.9-2.1 g/m3		
MAGNETIC (CGSM)	$<5\times10^{-7}$		

COMMENTS: *We do customized production as per projects requirement. Produce rebar from 3-40 mm diameter at various surfaces.*

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