

GFRP Strength Member

Product Sizes

Diameter: 0.40~4.50mm



Specification

Property	Values
Tensile Strength (Mpa)	≥1100
Tensile Elastic Modulus (Gpa)	≥50
Breaking Elongation (%)	≤4
Bending Strength (Mpa)	≥1100
Bending Elastic Modulus (Gpa)	≥50
Heat Shrinkage %	0
Minimum Bending Radius (mm)	40D 20±5 °C Color well distributed, None crack, None needle, Feel smooth by hand, Can restore
High Temperature Bending Test	50D, 100±1°C, 120h Color well distributed, None crack, None needle, Feel smooth by hand, Can restore
Low Temperature Bending Test	50D, -40±1°C, 120h Color well distributed, None crack, None needle, Feel smooth by hand, Can restore
Torsion Performance ±1080°/m	Non-disassembly
Compatibility with the filling compound	Burr free, flawless, non-buckling, slippery hand, can straight.