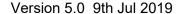
Huabin General Machinery & Equipment Import & Export Co,Ltd

HBGMEC Basalt Fiber Structural Profile - Round Tube

Continuous basalt fiber immersed in epoxy resin pass though sqaure-shaped mould to form by pultrusion process.





Technical Data - Physical and Mechanical Properties	
Property	Value
Profile Shape	Round tube
Outer Diameter Dimension	40mm
Inner Diameter Dimension	25mm
Wall Thickness	7.5mm
Longitudinal Tensile Strength (GB/T3354-2014)	900MPa
Modulus of Elasticity in Longitudinal tension	
(GB/T3354-2014)	54.2GPa
Longitudinal Compression Strength(GB/T1448-2005)	227MPa
Modulus of Elasticity in Longitudinal compression	
(GB/T1448-2005)	20.3GPa
Longitudinal Buckling Strength(GB/T1449-2005)	881MPa
Performance	Chemical-resistant, no rust,
	acid and alkali-resistant,
	low/high temperature-resistant
Resin Type	Epoxy resin
Appreance	Surface is smooth,no crack,
	no bubble, no fiber exposure
	no fiber infiltration defect.

Application

Load-carrying structure in construction, bridge, electricity, chemical engineering and other fields.

Packing Description

Packing Type

Single profile and fixed length

Storage Conditions

- 1. Store in a place of shady and cool, dry and draughty, avoid sun exposure, away from light source, heat source.
- 2. Store in a place where avoiding mixing with other corrosive chemicals.
- 3. The surface of profile don't place heavy material/goods.

Transportation Conditions

- 1. Transportation with cardboar, bubble film, soft materials as cork mat lining.
- 2. Transportation vehicles and storage areas shall be protected from rain and moisture.
- 3. The packing should not be damaged during unloading.