

Huabin General Machinery & Equipment Import & Export Co.,Ltd

HBGMEC Basalt Assembled Roving

It consists of several single-end strands joined together without twisting on special assembling machine.

Version 5.0 9th Jul 2019



Technical Data	
Property	Values
Monofilament Diameter	9-24um
Diameter Tolerance	±15%
Linear Density	270-4800tex
Linear Density Tolerance	±5%
Tensile Strength(GB/T20310)	≥2000MPa
Tensile Modulus(GB/T20310)	≥85GPa
Elongation at Break(GB/T20310)	≥2.5%
Sizing Type	Silane
Sizing Content	≥0.4%
Moisture Content	≤0.2%
Alkali Resistance(tensile strength retention rate of single filament)	≥70%
Temperature Resistance(tensile strength retention rate of single filament)	≥70%

rate of single filament)

Resin Compatibility

Concrete, mortar, asphalt, polypropylene epoxy, vinyl ester, polyester, polyurethane, polysmides, PE

Application
Rebar for concrete reinforcement; Profiles and pipes;boat building; High-pressure vessels; geogrids; Various types of fabrics.

Packing Description	
Bobbin for Internal Unwinding	9kg
Bobbin for External Unwinding	8kg/11kg
Package per Pallet	96 bobbins

Storage Conditions
1. Store in a place of shady and cool, dry and draughty.
2. Store in a place where avoiding mixing with other corrosive chemicals.
3. The storage period is 18 months.