FIBERGLASS CHOPPED STRANDS

Hebei Yuniu Fiberglass Manufacturing Co .,Ltd

FIBERGLASS

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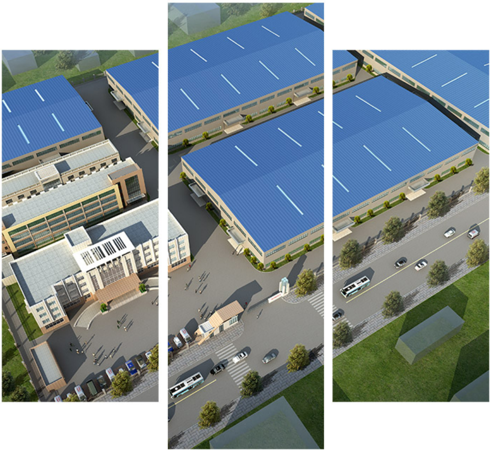


Fiberglass Chopped Strands

Chopped Strands are fiberglass roving in line chopped, it's suitable for reinforcing thermoplastics. Typical products include automobile fittings, electronic and electrical parts, mechanical productsetc. In the meantime, it can widely used as raw material in waterproofing for construction, base material for plastic flooring, thermal insulation material, FRP surfacing tissue, insulating panel for storage battery, air filter-pad material and reinforced gypsum.

COMMON SPECIFICATIONS

In addition to the alkali resistant type applied in the construction field, other types are mainly alkali free type.

1. Filament diameter:7-13um
2. Type of common wetting agent: silane and starch coating
3. Short cut length: 3mm 4.5mm 6mm 9mm 12mm 24mm. (special specifications can be customized according to requirements).
4. Resin used: PA PBT pet PP up, etc
5. Moisture content:0.10%, 8-10% (wet chopped strands)
6. Combustible content:0.2%

Fiberglass AR Chopped Strands

Fiberglass AR Chopped Strands are in the line chopped, the chopped strands include Zro2 16.5% . It is used as raw materials for construction.

Product Specification

Item	Diameter(μm)	Chopped Length(mm)	Compatible Material
YN-CSAR12	13	12	Concrete
YN-CSAR18	15	18	Concrete
YN-CSAR24	18	24	Concrete

Product Application

Fiberglass Chopped Strands For Concrete

Fiberglass chopped strands for Concrete, can improve the performance of concrete permeability, also the impact resistance and toughness durability of concrete, mainly used in cement, gypsum board, plastic, composite materials and other construction engineering, reinforcement, crack resistance, wear resistance, etc.

Product Specification

Item	Diameter(μm)	Chopped Length(mm)	Compatible Resin
YN-CSGRC6	10-13	6	Concrete
YN-CSGRC12	10-13	12	Concrete
YN-CSGRC24	10-13	24	Concrete

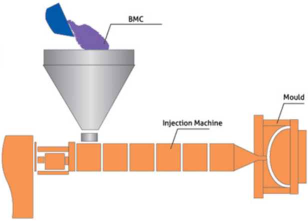
Product Application

Fiberglass Chopped Strands For BMC

Chopped Strands for BMC are compatible with unsaturated polyester, epoxy resin and phenolic resin. The end-use applications include transportation, building&construction, electronic&electrical, mechanical, and light industry.

BMC Proess

A bulk molding compound is made by combining glass chopped strands,resin,filler,catalyst and other additeves.This compound is processed by compression molding or injection molding to form the finished composite parts.



Product Specification

Item	Diameter(μm)	Chopped Length(mm)	Compatible Resin
YN-CSBMC3	10-13	3	EP UP VE
YN-CSBMC4.5	10-13	4.5	EP UP VE
YN-CSBMC6	10-13	6	EP UP VE
YN-CSBMC12	10-13	12	EP UP VE

Fiberglass Chopped Strands For Needle Mat

Fiberglass Chopped Strands for needle mat is chopped from special e-glass fiber yarn. E-glass yarn is a kind of tiny fiber and chopped into certain length. The chopped strand form infinity tiny voids in mat manufacturing process and impact the mat multihole structure and excellent heat insulation property.

Product Specification

Item	Diameter(μm)	Chopped Length(cm)	Compatible Resin
Fiberglass chopped strands for Needle Mat	7-9	6-9	EP UP VE

Product Application

Fiberglass Chopped Strands For Brake Pads

Fiberglass Chopped Strand used in brake and clutch of automobile, motorcycle, locomotives and aeroplane as raw material with excellent properties of stability, low rate of friction loss and good heating conductivity.

Product Specification

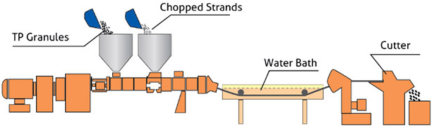
Item	Diameter(μm)	Chopped Length(mm)
YN-CSBP3	7-9	3
YN-CSBP4.5	7-9	4.5
YN-CSBP6	7-9	6

Product Application

Fiberglass Chopped Strands For PA/PP/PBT

Fiberglass Chopped Strands for thermoplastic are based on silane coupling agent and special sizing formulation, compatible with PA, PBT/PET, PP. E-Glass Chopped Strands for thermoplastic are know for excellent strand integrity, superior flowability and processing property, delivering excellent mechanical property and high surface quality to its finished products.

Proess



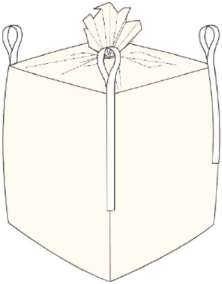
Product Specification

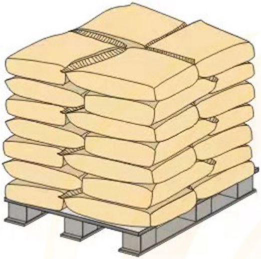
Item	Diameter(μm)	Chopped Length(mm)	Compatible Resin
YN-CSPA3	10-13	3	PA
YN-CSPA4.5	10-13	4.5	PA
YN-CSPP3	10-13	6	PP
YN-CSPP4.5	10-13	4.5	PP
YN-CSPBT3	10-13	3	PBT

Packaging and storage

Chopped Strands are packaged in kraft bags or woven bags, about 25kg per bag, 4 bags per layer, 10 layers per pallet and 40 bags per pallet,Each 40 bags of products are packedand packing band. Also the product can be packed as the customers' reasonable requirements.

This product should be stocked in dry and cool places. The best condition is within temperature between 15-35℃, with a relative humidity between 30% and 70%. Please keep the product in its original packing before use to avoid moisture.





Application Area

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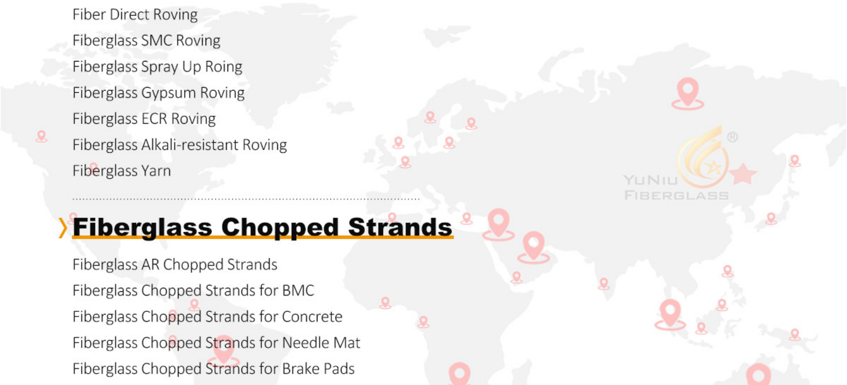

Fiberglass Roving

Fiber Direct Roving
Fiberglass SMC Roving
Fiberglass Spray Up Roing
Fiberglass Gypsum Roving
Fiberglass ECR Roving
Fiberglass Alkali-resistant Roving
Fiberglass Yarn

Fiberglass Chopped Strands

Fiberglass AR Chopped Strands
Fiberglass Chopped Strands for BMC
Fiberglass Chopped Strands for Concrete
Fiberglass Chopped Strands for Needle Mat
Fiberglass Chopped Strands for Brake Pads

Fiberglass Chopped Strands for PA/PP/PBT

Fiberglass Mat

- Fiberglass Needle Mat
- Fiberglass Stitch Mat
- Fiberglass Chopped Strand Mat
- Fiberglass Tissue

Fiberglass Fabirc

- Plain Weave Cloth
- Fiberglass Adhesive Tape
- Fiberglass Mesh
- Fiberglass Woven Roving
- Fiberglass Multiaxial Fabric

YUNIU ®
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