



## Polypropylene Fiber

### Technical Datasheet

#### Characteristics

**Polypropylene Fiber** is a kind of high intensity bunchy mono-filament fiber mainly made of polypropylene by special technique, which could effectively prevent concrete micro-crack, as well as improve concrete performance of anti-crack, anti-infiltration, anti-concussion and anti-shock.

#### Specification:

Material	Polypropylene
Color	White
Elongation at Break (%)	≥ 15
Modulus of Elasticity (Mpa)	≥ 3500
Density (g/cm <sup>3</sup> )	0.91 ~ 0.93
Type	Bunchy mono-filament
Identical Diameter (μm)	16/18/25/35 other
Length (mm)	3/6/9/12/15/19/50 ± 1
Tensile Strength (Mpa)	≥ 450
Acid & Alkali Resistance	Strong

**Note:** The range of length is 3-50mm, and according to clients demand.



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## Application

- Polypropylene fiber into concrete or mortar, could effectively prevent temperature change and Micro-crack which is caused by plastic and dry shrinkage
- Projects like concrete road, bridge, airport road and factory floor which strictly require cracking resistance.
- They are widely used in roads, bridges, underground waterproof projects and roof, walls, pools, basements of civil construction industrial.

## Packing

- 24kg plastic bag, 600grams\*40bags inner.
- Bulk package
- As clients requested

## Storage

To be stored in its closed original package, keep cool and dry, avoid humidity.



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