

TECHNICAL DATA SHEET FOR POLYPROPYLENE FIBER

1. Characteristics/Chemistry

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.

2. Specification:

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

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

3.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.

4.Packing

- (1) 24kg plastic bag 600grams*40bags inner.
- (2) Bulk package.
- (3) As clients requested.

5.Storage

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