

TECHNICAL DATA SHEET(TDS)

1. Product Description

PP polypropylene fiber is made from polypropylene and a variety of organic and inorganic materials and made by the special refining technology . PP fiber can form three-dimensional chaos to mesh supporting role distribution in concrete, which can make the concrete micro cracks formed in the hardening of the early received barrier in the development process, it is difficult to further development. So it can improve the fracture toughness of concrete, improve the crack resistance of concrete is impervious performance.It is the new ideal materials of mortar, concrete engineering crack resistance, abrasion resistance, thermal insulation.

2. Physical & Chemical Properties

Appearance	White Bundle network
Purity (%)	100
Density (g/m ²)	0.90-0.92
Length (mm)	6
Tensile strength(Mpa)	≥550
Fracture elongation(%)	20-25
Modulus of elasticity(Mpa)	≥3850
Melting point (°C)	160-180
Moisture (%)	≤ 15%

3. Application

Cement mortar

Concrete engineering

Interior and exterior wall painting

4. Functions

To prevent concrete cracks; To improve the anti permeability and frost resistance of concrete; To improve the impact resistance, bending strength, fatigue resistance, seismic performance of concrete; To improve the durability and ageing resistance of concrete; To improve the fire resistance of concrete.

5.Recommended dosage: In the general surface anti-cracking, 0.6kg/m³ of cement mortar, increased dosage 0.9-1.8kg/m³ .

6. Packing: Paper plastic composite bag, N.W.is 25kg/bag.

7. Storage: Keep it in a dry and ventilated, prevent long time sunshine irradiation, away from the fire place.