

PPD FIBRE

Technical Data Sheet for
MONOFILAMENT POLYPROPYLENE FIBRES*
 FOR CONCRETE AND MORTAR
 REINFORCEMENT



Description

As a concrete reinforcement material, PPD reinforcing fibers allow concrete to withstand the forces of nature for decades. PP fibre is also called engineering fibre, anti-crack fibre, crack control fibre, synthetic fibre plastic fibre. It is a kind of high intensity bunchy, monofilament fibre mainly made of PP by special technical.

Put PPD fiber into the concrete or mortar, can effectively prevent temperature change, microcrack caused by plastic and dry shrinkage, etc, thereby prevent and control the happen and development of crack and improve effectively anti-crack, anti-infiltration, anti-concussion and anti-shock of the concrete.

They are used widely in roads, bridges, underground waterproof projects and roofings, walls, pools, basements of the industrial civil construction

Data Sheet

SPECIFICATION	PPD 6	PPD 10	PPD 12	PPD 19
Length(mm)				
Density		0.91 g/cm ³		
Shape		monofilament		
Tensile Strength		> 500 Mpa		
Modulus of elasticit(Mpa)		> 3500 Mpa		
Equivalent Diameter		14-45um		
Crack Ratio		15% -20%		
Melting Point		> 160°C		
Water Absorbency		No		

Functions to concrete reinforcement

- Prolong endurance
- Increase cracking resistance
- Improved alkaline resistance
- Improve tensile, bending & folding strength
- Improve plastic deformity
- Strong acid & alkali resistance and good endurance

Package:

- 1kg/bag. Or bulk bags can be accepted.
- Also may packed as customers' requirement

Economy Specialty

- Low production costs
- Saves labors
- Accelerates pour schedule

Data given in this leaflet are liable to change and are given without obligation.