



technical data sheet

Applications:

PP Monofilament Fiber is also called engineering fiber, concrete fiber, anti-crack fiber, crack control fiber, synthetic fiber or plastic fiber, etc.

It is a kind of high intensity bunchy monofilament fiber mainly made of PP by special technique.

Put PP Monofilament 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

Raw Material	Polypropylene
Type	Monofilament
Density	0.91±0.01 % g/cm ³
Acid &Alkali Resistance	Strong
Tensile Strength(MPa)	≥450MPa
Fiber Dia (mm)	0.02-0.05±0.005
Crack Elongation (%)	20%±5%
Water-Absorbency	No



MSDS (Material Safety Data Sheet)

Section VII: Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Contain and remove by mechanical means.

Waste Disposal method: Place in appropriate disposal facility in compliance with local regulations

Precautions to Be Taken in Handling and storing: N/A

Other Precautions: N/A

Section VIII:

Control Measures

Respiratory Protection (specifies Type) Not Required

Ventilation

Local Exhaust:

Not Required

Mechanical (General):

Not Required

Special Not Required

Other Adequate ventilation if processed by heat.

Protective Gloves:

Not Required. However, use of protective gloves is good Industrial practice.

Eye Protection:

Not Required. However, use of eye protection is good

Industrial practice.

Other Protective Clothing or Equipment Not Required. However, use of protective clothing is good Industrial practice.

Work/Hygienic Practices Use general work/hygienic practices.

Section IX: Transport Information

TEBA OVERSEAS
construction material