

# TECHNICAL DATA SHEET

**Material: Polyvinyl Alcohol Fiber**  
**CAS No.:9002-89-5**

## DESCRIPTION OF THE PRODUCT

High strength and high modulus PVA fiber takes polyvinyl alcohol as its major raw material. It has good prosperities such as high modulus, high strength, low elongation, alkali and acid resistance, anti-crack, anti-infiltration, superior uv light resistance, ageing resistance and so on. It also has good compatibility with cement and other macromolecule material and can prevent the microcrack caused by plastic shrinkage of the concrete.

## SALES SPECIFICATION

GRADE		TENACITY CN/DTEX	MODULUS CN/DTEX	DISPERSABILITY	HOT WATER SOLUBILITY
PFA	01	12.0 Min.	280 Min.	1	1.5
	02	11.5-12.0	280 Min.	1	2.0
	03	11.5-12.0	280 Min.	2	2.0
PFB		10.5-11.5	240-280	1-3	2.0

## APPLICATION SCOPE (SUGGESTION)

- High strength and high modulus PVA fiber is the good substitution of Asbestos and glass fiber.
- PVA fiber is widely used in building materials, such as cement board, cement sheet, roofing tiles, cement pipes, etc.
- PVA fiber can replace the steel as bar strip in construction of water conservancy project
- It can also be used in highway, airport runway, tunnel, bridge project for cement reinforcement.
- Our PVA fiber can also be used in making high strength fishing meshes, cables, safety nets.
- Used as the rubber reinforcing material manufacture of conveyor belt, fire hose, braided hose etc.
- Replace mightiness rayon used in the manufacture of radial tire or diagonal tire cord.
- Used as plastics reinforced material and manufacture of safe and riot helmet.

## PACKAGE

200kg/Net Bales, 8 Bales per pallet, 12.8 metric tons in 1X20'Feet Containers. Or as per customers' requirement

#### **STORAGE**

Store it in a cool, dry place temperature below 35°C, max, avoid expose in direct sunlight for a long period

#### **SHelf Life**

24 month in the proper condition.