

PVA Fiber

PVA (Polyvinyl Alcohol), Small Denier, Superior Bond



ULTRA-HIGH PERFORMANCE FIBERS

PVA fibers are unique in their ability to create a fully-engaged molecular bond with mortar and concrete that is 300% greater than other fibers.

Physical Properties PVA fiber

Fiber Length	6 ,12 mil
Specific gravity	1.3
Tensile strength	800 ~1600
Material	Polyvinyl Alcohol
Color	Yellow
Tenacity	11.5 CN
Formula	$(CH_2CHOH)_n$



Performance

With the purpose of high modulus, high strength, alkali and acid resistance, heat resistance It also has good compatibility with cement and other macromolecule material.

mainly be used in construction, cement industry, non asbestos material for heat and attrition resistance plastic and rubber reinforcement.

It is the good substitution of Asbestos.

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Applications

1- high strength and high modulus polyvinyl alcohol fiber is an excellent substitute for asbestos fibers and glass fibers

2- polyvinyl alcohol fiber cement products are widely used in construction, such as fiber cement boards, tiles, pipes and so on.

3- high strength and high modulus PVA fiber tow in water conservancy construction, instead of steel as reinforcement belt.

4- high strength and high modulus PVA fiber can also be used for advanced road construction, airport runways, tunnels, bridges and other construction.

5- the production of high strength rope, safety net.

Packaging

20 kg