

Virgin Polyester, Monofilament, Small Denier Micro Fiber

Product Specs

Filament Diameter	8 Denier (38 Microns)
Fiber Length	3,6,12,18 mm
Specific Gravity	0.91
Tensile Strength	(360 MPa)
Flexural Strength	(3.1 GPa)
Melting Point	(160° C)
Color	White
Alkali Resistance	Excellent
Corrosion Resistance	High



Advantages/Benefits

Polyester fiber products are small (8d), monofilament Polyester fibers for use in fiber reinforced concrete, stucco and shotcrete is Polyester fiber specifically designed for use in concrete products for the purpose of controlling plastic shrinkage and thermal cracking.

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Mixing

Polyester fiber utilizes the mixing activity to disperse the fibers into the mix. Polyester fiber offers a multi-dimensional fiber network and does not affect curing process chemically.

Polyester fiber can be used in all types of concrete. Synthetic fibers help the concrete at early ages, which is especially beneficial where stripping time and handling is important.

Polyester fiber used in shotcrete applications will increase the compaction and density of shotcrete.



POLYESTER FIBER

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Storage and Shelf Life

MEISOON products should be stored in dry warehouse. Protect product from the rain.

Packaging

20 KG per BAG, 600 KG per pallet.

Other packaging available.

Polyester Fibers are packaged in pre-measured degradable “toss-in” paper beater bags or water-soluble Bags.

Tooling & Finishing

Polyester Fibers reinforced concrete can be finished by most finishing techniques.

Polyester Fibers can be pumped and placed using conventional equipment. Hand screeds can be used, but vibratory and laser screeds are recommended to provide added compaction and bury surface fibers.

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