



ARACO FIBER

Monofilament Synthetic Polypropylene Fiber

Product Description

ARACO FIBERS are 100% homopolymer polypropylene monofilament fibers.

ARACO FIBERS act as micro-reinforcement system for concrete and offers long term durability. **ARACO FIBER** is specifically designed to minimize early age cracking in concrete as a result of plastic shrinkage and plastic settlement.

Standards Compliance

- ISO 9001:2008
- ASTM C 1116 / C 1116 M.

Uses

ARACO FIBER can be used in the following applications:

- Plaster and mortar works
- Stamped concrete
- Sidewalks and driveways
- Basement floors
- Water tanks
- Shotcrete
- precast products

Dosage

Industrial Flooring: 0.9 kg/ m^3 for 12mm fiber
Concrete Floors: 0.9 kg/ m^3 for 12mm fiber
Stamped Concrete: 0.9 kg/ m^3 for 12mm fiber
Mortars & plasters: 0.9 kg/ m^3 for 6mm fiber

ARACO Fibers can be added to the mix before, during or after batching of concrete .Mixing speed should be as per ASTM C94.

Characteristics

Appearance	Fibers bundle
Specific Gravity	0.91
Length	6 or 12 mm
Young modulus	4.5 Gpa
Toughness	8 Gpa
Elongation	30 %
Softening point	145°C
Melting point	160°C
Ignition point	590 °C
Absorption	Null
Chloride Content	Null
Sulfate Content	Null
Acid and Salt	High
Alkali Resistance	Alkali Proof
Storage Condition	Store in a dry shaded area at temperature between 5°C and 35°C.



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PACKAGE 600 or 900 g/bag

CONSUMPTION 0.6 to 0.90 kg/m³

Advantages

- Improves impact, shatter and abrasion resistance
- Reduce plastic shrinkage and settlement cracks
- Cost effective
- Controls cracks formation in concrete
- Improve durability properties
- Non magnetic
- Rust proof
- Compatible with different types of cement and concrete

Safety instructions

ARACO FIBERS are combustible and will burn if exposed to flames

Legal notes

The information, recommendations and application - based on ARACO current knowledge and experience of the products when properly stored, handled and applied under normal conditions. ARACO products are guaranteed against defective materials and manufacture and are sold subject to its standard conditions. Users should always refer to the most recent Technical Data Sheet for the product concerned, copies of which will be supplied on request.

ARACO FOR ADMIXTURES & CONSTRUCTION MATERIALS S.a.I.

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