

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

Concrete Floors: 0.9 kg/ **mm33** for 12mm fiber

Stamped Concrete: 0.9 kg/ **mm33** for 12mm fiber

Mortars & plasters: 0.9 kg/ **mm33** 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.

Safety Instructions

The product may cause skin irritation. Wear gloves and goggles and apply barrier cream to your hands. In contact with eyes or mucous membrane. flush immediately with plenty of warm water and seek medical attention without delay.



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

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.