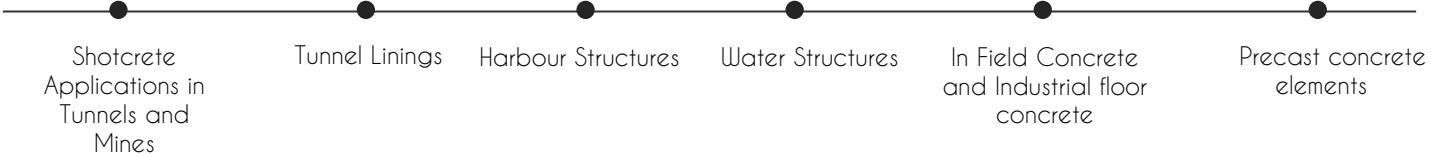




# ONESHOT Macro Fiber

## Product Description

Oneshot Fiber is a macrostructural synthetic fiber designed to improve the durability and mechanical properties of concrete instead of steel wire and mesh products.



## Technical Specifications

Raw Material	Polypropylene
Length	48-54 mm
Diameter (min. tolerance +/- 5%)	0,72 mm
Tensile Strength	530 - 580 Mpa
Elastic Modulus	9 GPa
Density	0,90-0,92 gr/cm <sup>3</sup>
Melting point	168 °C
Water Absorption	None
Alkali Resistance	High
Dosage	2-7 kg/m <sup>3</sup>
Fiber Class	II
Surface Shape	Embossed



## Advantages

- It increases the bearing capacity of concrete and provides effective crack control. Excellent mixability and pumpability thanks to its homogeneous distribution. It is easy to transport, store and use thanks to its low mass.
- It has high chemical and alkali resistance.
- It has high durability and does not cause corrosion.
- It significantly reduces labor costs compared to steel mesh.
- It increases the toughness and energy absorption capacity of concrete.
- It increases the resistance of concrete against freezing and thawing.
- It has a structure that does not affect magnetic fields.

## Storage

It is recommended to store the product indoors between 5 °C and 30 °C in its original packaging, protected from moisture, water and direct sunlight. Shelf life is 3 years under suitable storage conditions.

## Packaging

On-demand; It is packaged in nylon packages as 3 kg, 4 kg, 5 kg water-soluble bundles. For other packaging options, you can contact the company officials directly.

## Mixture

Fiber bundles are added directly to the aggregate. If it is added to the concrete in the truck mixer, the mixing time should not be less than 5-6 minutes at high speed.



## Certificates / Standards

OneShot Fiber product is certified according to EN 14889-2 standard.

ISO 9001 quality management system is applied in the facilities.