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## STAPLE POLYPROPLENE FIBER

### Advantages:

- Reduces cracking
- Enhances impacts and abrasion resistance
- Produces excellent surface on formed face
- Reduces permeability and bleeding
- Controls plastic shrinkage cracks and restrains crack growth
- Improves freeze-thaw durability
- Reinforces against the effect of shattering and exploding forces
- Provides residual strength
- Improves flexural strength
- Alkali resistant and reduces chloride ion/salt migration
- Consistent and uniform distribution throughout the concrete matrix
- Safe and easy to use

### Applications:

- Driveways, sidewalks, airport runways
- Walls, box culverts, composite decks
- Bridges, dams, tunnels
- Concrete and cement pipes
- Water tanks, wastewater treatment, marine structures
- Industrial flooring, corrugated concrete sheets
- Decorative concrete
- Adhesives/construction Works

**Teknik Bilgi:**

Composition	%100 virgin polypropylene
Type	Homopolymer
Impurity	Zero
Appearance	Natural white
Cross section	Round
Standard	ASTM-C1116
Fiber length	6mm ,12mm
Package:	25 kg box
Tensile strength	350MPA
Young, s Modul	not applicable
Elongation	100%
Specific Density	0.91 gr/cm3
Color	Natural White
Softening point	140 C
Melting point	165-170 C
Acids effect	Resistant
Oxidizing agents effect	Resistant
Organic Solvents	Resistant
Biological Resistance	Resistant
Cement Compatibility	Excellent
Alkali effects	Resistant
UV stabilizer	Included
Abrasion Resistant	Excellent
Moisture Regain	Nil