



SS-PP Polypropylene Fiber

SS-PP Polypropylene Fiber is produced through melt-spinning technology and designed for reinforcement of mortar and concrete. It improves tensile performance, crack resistance, and impact resistance.

The fiber also enhances durability and reduces shrinkage cracking, making it suitable for various cement-based construction applications.

Benefits

- Reduces plastic shrinkage cracking
- Improves toughness of concrete and mortar
- Enhances structural service life
- Stable in alkaline cement environments

Dosage

The use of polypropylene engineering fiber should not lead to a reduction in structural dimensions;

The use of polypropylene engineering fiber should not exempt compliance with national regulations regarding construction curing;

Polypropylene fiber should be used with caution in high-temperature concrete;

Recommended dosage: 0.6-2.0 Kg/m³. Dosage increases with higher requirements for crack resistance and impact toughness.

Or contact the technical support at info@yschempro.com.

Specifications

Melting Point	160 – 175
Elongation at Break	≤ 40
Tensile Strength	≥ 350
Elastic Modulus	≥ 3.0 × 10 ³
Density	0.91 ± 0.01

Packaging

Net weight: 18kg/bag (containing 20 small bags) or according to customer requirements.

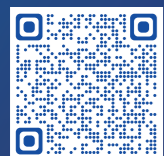
Applications

- Civil & industrial building cement-based materials, mortar & concrete
- Cast-in-place slabs, frame beams & columns
- Basement floors & side walls
- Water tank structures

Storage and Shelf Life

Avoid mixing with corrosive chemicals or sharp objects. Store in a ventilated, cool, dry place away from fire sources. Shelf life is 18 months.

Represented information is based on our current experience. In case of various factors affecting the result, information does not mean legal responsibility. For additional information, please contact us.



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