

### PRODUCT DESCRIPTION

Polypropylene Fiber (PPF™) is a lightweight and extremely durable reinforcing material, used for enhancing concrete strength and performance. Polypropylene fiber (PPF™) disperses easily in to concrete and does not require any additional mixing time or extra precautions.

### PRODUCT FEATURES

- Polypropylene fibers reduce the formation of plastic shrinkage cracks on concrete.
- PP fibers increase abrasion resistance in concrete floors.
- Polypropylene fibers could effectively prevent concrete micro-crack.
- Increased concrete abrasion properties.
- Increased concrete Impact Resistance.

### PRODUCT USES

Polypropylene fiber (PPF™) is specifically designed for use in cases where cracks are created due to plastic shrinkage or deformations like:

- Internal floor-slabs (retail stores, warehouses, etc.)
- External slabs (driveways, patio's, etc.)
- Prefabricated concrete elements
- Roads, pavements, driveways

### TECHNICAL DATA

Material	Polypropylene
Density	0.9 g/ cm <sup>3</sup>
Color	White & Black
Tensile Strength	400 MPa
Elongation	0.8%
Length	6 mm 12 mm
Shelf Life	3 Years

### HOW TO USE

- Polypropylene Fiber (PPF™) can be added directly into the concrete mixing system. The fiber should be added during or after batching of the other ingredients – never as the first mix ingredient.
- Once all fibers have been added to the batch, mix four to five minutes at standard mixing speed.
- Fiber dosage rate will vary by application. Contact your AFZIR Sales Representative for assistance.

### HANDLING

Before using this or any AFZIR product, refer to the Safety Data Sheet (SDS) and label for safe use and handling instructions.

### PACKAGING

Individual Bag Weight: 20kg

### SHELF LIFE

3 years.

### FIRST AID

In case of skin contact, wash thoroughly with soap



*Polypropylene Fiber - PPF™*

and water. For eye contact, flush immediately with plenty of water; contact physician immediately. For respiratory problems, remove to fresh air. Wash clothing before reuse.

### DISCLAIMER OF LIABILITY

AFZIR, LLC warrants its products to be free from manufacturing defects. Buyer determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to replacement of product. Any claim for breach of this warranty must be brought within six months of the date of purchase.

AFZIR shall not be liable for any consequential or special damages of any kind, resulting from any claim or breach of warranty, breach of contract, negligence or any legal theory.

The Buyer, by accepting the products described herein, agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production.