# TECHNICAL DATA SHEET: APP-PPF-30 PP FIBRE

## DESCRIPTION

APP-PPF-30 is a fibrillated synthetic polypropylene microfibre for concrete reinforcement that complies with ASTM C1116 (Standard Specification for Fiber Reinforced Concrete and Shotcrete) and is specifically designed to help mitigate the formation of plastic shrinkage cracking in concrete.
Typically used at a dosage rate of 1.5 lbs/yd$^3$ (0.9 kg/m$^3$).

## SPECIFICATIONS AND CHARACTERISTICS

| | |
|---|---|
| **Raw Material** | 100% virgin monofilament polypropylene |
| Colour | Bright white |
| **Specific Gravity** | 0.91 |
| **Typical Dosage Rates** | 0.9·1.8 kg per tonne |
| **Diameter** | 30µm |
| **Available Length** | 1-26mm |
| **Melt Point** | 160℃ |
| **Ignition Point** | 590℃ |
| **Electrical/Thermal Conductivity** | Low |
| **Water Absorption** | <2% |
| **Acid and Alkali Resistance** | >95% |
| **Tensile Strength** | 600 MPa |

## APPLICATION

- Slabs-on-grade, sidewalks, driveways, parking lots, curb work, overlays and toppings
- Footings, foundations, walls and tanks
- Stucco applications
- Precast and prestressed structures
- Shotcrete and slope paving
- Spalling control and fire protection
- Composite steel deck

App International Pty Ltd
3 Wulbanga Street
Prestons NSW 2170
Australia

P 1300 571 757
M +61 439 742 757
E jimmy@appinternational.com.au
W www.appinternational.com.au

## PACKAGING & STORAGE

- Customised packaging, including:
- Water-soluble film bag
- Water-soluble paper bag
- Plastic bag
- Plastic bucket
- Store in cool, dry conditions

## SHELF LIFE

2 years in original, unopened package

This information is based on our present state of knowledge and is intended to provide general notes about our products and their use only. It should not therefore be construed as guaranteeing the consistency or permanency of the products or specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed.

App International Pty Ltd
3 Wulbanga Street
Prestons NSW 2170
Australia

P 1300 571 757
M +61 439 742 757
E jimmy@appinternational.com.au
W www.appinternational.com.au