

DESCRIPTION

APP PP Fibre is a fibrillated synthetic polypropylene microfiber 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/yd³ (0.9 kg/m³).

SPECIFICATIONS AND CHARACTERISTICS

Raw Material	100% virgin monofilament polypropylene
Color	Bright white
Specific Gravity	0.91
Typical Dosage Rates	0.9–1.8 kg per metric tonne
Diameter	30µm
Available Length	1-26mm
Melt Point	160°C
Ignition Point	590°C
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

PACKAGING & STORAGE

- Customized packaging, including:
- Water-soluble film bag
- Water-soluble paper bag
- Plastic bag
- Plastic bucket
- Store in cool and 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.