

MasterFiber® 106

Fine Monofilament Polypropylene Fiber

DESCRIPTION

MasterFiber 106 is a fine mono-filament fiber which significantly reduce plastic shrinkage cracking and explosive spalling of concrete during fire.

RECOMMENDED USES

- Shotcrete.
- Precast
- Slabs on ground

FEATURES AND BENEFITS

- Enable binding of concrete in the early curing stages to maximizing crack control
- Significantly reducing any increase in moisture pressure with the concrete structure during fire
- Uniquely designed and packaged allowing to be evenly dispersed through the matrix, ensuring that no balling or pumping problems occur.

FEATURES AND BENEFITS

Material	Polypropylene 9003-07-0>99
Grade	Hp555k
Odor	Odorless
Specific Gravity	0.91
Melt point	150°-170°C
Viscosity	>100PaS at 170°C 1001/s
Fiber length	6 mm
Alkali Resistance	Excellent
Colour	Milky White
Electrical Conductivity	Low
Moisture Content	0.0%
Fibers per kg	110 million fibers

APPLICATION

The recommended dosage rate of **MasterFiber® 106** is 0.9-2.0kg/m³. Entire packages are thrown into the mix allowing for easy handling leaving no waste on site.

Allow 3 to 5 minutes at mixing speed for fibers to disperse evenly throughout matrix. **MasterFiber® 106** can be added to the mix at any stage during batching

PACKAGING

MasterFiber® 106 is available in various packaging depending on the application requirement – fibers wrapped in water soluble plastic pucks (parallel packed) in biodegradable boxes.

STORAGE

MasterFiber® 106 should be stored undercover and protected from the weather.



We create chemistry

MasterFiber[®] 106

® = registered trademark of BASF group in many countries

MasterFiber_106 HK v1-0414

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this BASF Construction Chemicals publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by BASF Construction Chemicals either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not BASF Construction Chemicals, are responsible for carrying out procedures appropriate to a specific application.

BASF Hong Kong Limited

Unit 2, 20/F, EW International Tower, 120-124 Texaco Road,
Tsuen Wan, New Territories, Hong Kong
Tel: (852) 2408 4400
Fax: (852) 2408 4401