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# MasterFiber® 112

Fine Monofilament Polypropylene Fibre

## DESCRIPTION

**MasterFiber 112** is a fine mono-filament fibre 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.

## TECHNICAL DATA

Material	Polypropylene 9003-07-0>99
Grade	Hp555k
Odor	Odorless
Specific Gravity	0.91
Meltpoint	150°-170°C
Viscosity	>100PaS at 170°C 1001/s
Fibre length	12 mm
Alkali Resistance	Excellent
Colour	MilkyWhite
Electrical Conductivity	Low
Moisture Content	0.0%
Fibres per kg	110 million fibres

## APPLICATION

The recommended dosage rate of **MasterFiber® 112** is 0.9-2.0kg/m<sup>3</sup>. 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 fibres to disperse evenly throughout matrix. **MasterFiber® 112** can be added to the mix at any stage during batching

## PACKAGING

**MasterFiber® 112** is available in various packaging depending on the application requirement – fibres wrapped in water soluble plastic pucks (parallel packed) in biodegradable boxes.

## STORAGE

**MasterFiber® 112** should be stored undercover and protected from the weather.



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# MasterFiber<sup>®</sup> 112

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® = registered trademark of BASF group in many countries

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**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.

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