

Polypropylene Microfilament Fibres

Description

BASF Construction Chemicals SA's reliable micro filament fibres are produced from 100% virgin homopolymer polypropylene. Carefully manufactured to ASTM-C1116 standards, CLP fibres have high performance characteristics which have been developed to control cracking in cementitious products by limiting plastic shrinkage. BASF Construction Chemicals SA's soft micro filament fibres exhibit technical consistency in quality, usage and application.

Uses

BASF Construction Chemicals SA's high performance micro fibres are designed to resist and control early cracking in the following applications

- Slabs on grade
- Precast concrete
- Mortars
- Thin panels
- Secondary structural reinforced
- Architectural finishes
- Marine structures

Advantages

- Compatible with admixtures
- Excellent dispersal
- Low thermal conductivity
- High acid and sulphate resistance
- Limits rebound in shotcrete
- Packaged in convenient 600g or 900g disposal "blend-in-fibre" bags
- Rustproof
- Labour saving
- Clear instructions printed on product bags

Benefits

- Low cost secondary reinforcement
- Reduces bleeding and micro cracking
- Enhances toughness and durability
- Even clustering throughout matrix
- Light, clean and safe to use

- Protects primary reinforcement at surface by inhibiting cracks

Physical properties and technical specifications

Water Absorption : nil	Ignition Point : 590°C
Specific gravity : 0.91	Tensile strength : 500 MPa
Fibre length : 10-12mm	Fibre length : 10-12mm
Melt point : 170°C	Young modulus : 3,5kN/mm ²

Storage

Store under cover, out of direct sunlight and protect from extremes of temperatures.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult BASF Construction Chemicals SA's Technical Services Department.

Safety precautions

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until product fully cured or dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from children and animals. Reseal containers after use.

Note

For professional use only

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF Construction Chemicals SA representative. BASF Construction Chemicals SA. reserves the right to have the true cause of any difficulty determined by accepted test methods

Quality and care

All products originating from BASF Construction Chemicals' SA facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001:2000.

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.

As all BASF's technical datasheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue.

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