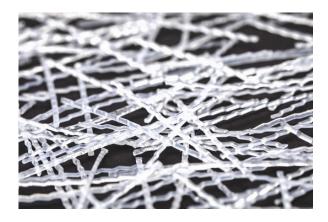




Product Data Sheet

DUROCRETE MACRO POLYPROPYLENE FIBERS



PRODUCT INFORMATION

Durocrete Macro uses heavy-duty synthetic fibers specifically engineered for use as secondary reinforcement, providing excellent plastic shrinkage control and reduced settlement cracking. Durocrete Macro provides increased flexural toughness and increases shatter and abrasion resistance, improving the concrete's long-term durability and integrity. Properly engineered and dosed, Durocrete Macro can be an alternative for all types of welded wire fabric, conventional light & medium gauge steel reinforcement, depending on the application.

TECHNICAL INFORMATION



Material 10	00% virgin polypropylene
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Grade HP565K

Melt flow 3.5

0.92 Specific gravity

170°C Melt point

Diameter - $0.65 \, \text{mm} \pm 2 \, \%$

Fiber length 45 mm

Strength -550 + Mpa

Acid resistance excellent

Alkali resistance excellent

DOSAGE

For Concrete: upto 5 kilograms / cu. mtr. (minimum) when used as secondary reinforcement. The ratio of fiber and concrete can be determined by tests for special purposes. The fiber has better effects on the concrete with active compound materials, such as silicon ash, coal powder and ground slag.

MIXER

Universal batch mixer or Double-axle horizontal compelling mixer can be used.

STORAGE



Store in a dry area.

APPLICATIONS



We recommend that gloves and eye protection be used when handling fibre.







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