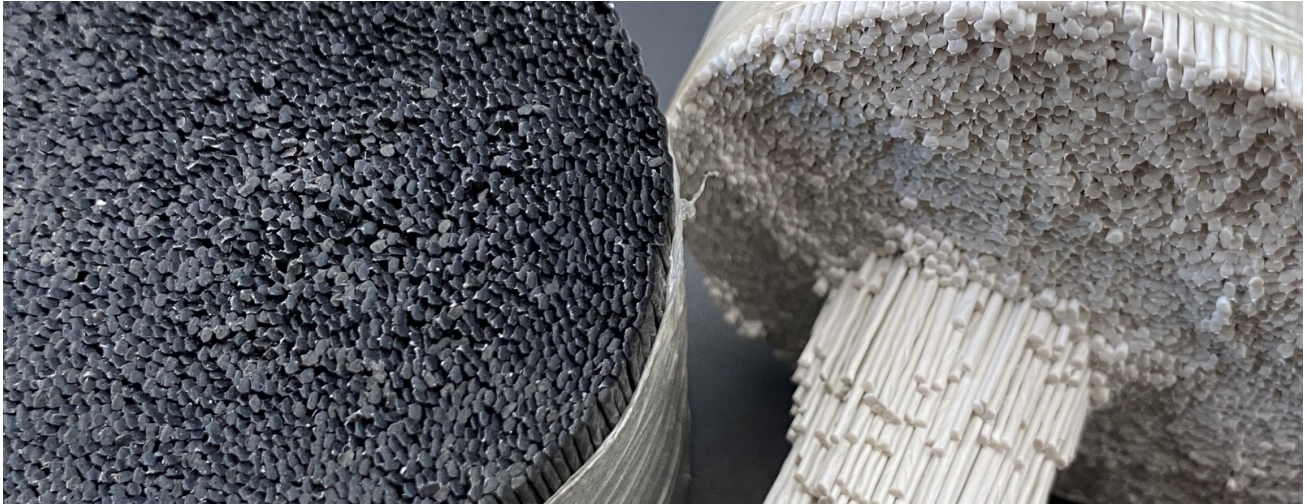


GENERAL CONCRETE / RECYCLED PP FIBRE

RECYCLED 44

Recycled PP macro synthetic fibre for project-specific concrete use



1 PRODUCT DESCRIPTION

Recycled 44 is a macro synthetic fibre manufactured from recycled polypropylene. It has a flattened cylindrical form with thread-like surface embossing and is supplied in black-grey or milky-white colour. Suitability must be verified for each concrete application.

BASIC PRECAST

SLOPE SUPPORT

GENERAL CONCRETE

2 TECHNICAL PROPERTIES

PROPERTY	DECLARED VALUE
Material	Recycled polypropylene
Form	Flattened cylindrical; thread-like embossing
Colour	Black-grey or milky white
Standard length	44 mm; custom lengths by agreement
Equivalent diameter	0.80 mm
Tensile strength	≥ 350 MPa
Elongation at break	$< 30\%$
Elastic modulus	≥ 3.5 GPa

Declared values are product specifications. A commissioned test result is a sample result and is not presented as a guarantee for every batch.

3 RECOMMENDED DOSAGE

No universal dosage is declared. Establish the dosage from project requirements and verify the selected mix through trial production and testing.

BY PROJECT

DOSAGE BASIS: MASS OF FIBRE PER CUBIC METRE OF CONCRETE

4 BATCHING AND MIXING

- 1 Determine the project dose by weight.
- 2 For water-soluble collated packaging, add the intact units with cement and aggregates during the normal charging sequence.
- 3 After all fibre has entered the mixer, continue mixing for an additional 3-5 minutes, or until uniform dispersion is confirmed.
- 4 Validate dosage, dispersion and finished-concrete performance in a project-specific trial.

5 PACKAGING AND STORAGE

PACKAGING

Water-soluble film collated bundles packed in cartons. Standard carton net weight: 5 kg or 10 kg.

STORAGE

Store dry, protected from moisture and direct sunlight. Keep the original packaging closed until use.

6 TEST DOCUMENTATION

The stated properties are based on manufacturer internal laboratory data. No independent third-party report is claimed for this product. Values must be verified for the intended project. No CE certification or accredited Conchip laboratory claim is made.

7 IMPORTANT USE NOTICE

Recommended dosage and processing guidance are starting points only. Confirm suitability through project-specific trial mixes, production trials and, where required, independent testing. This TDS is not a structural design, acceptance certificate or third-party test report.

MANUFACTURER

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