

DATASHEET

Characteristics


Material properties

Declared values - according EN 14889-2 (CE)

| | | |
|------------------|----------|-------|
| Tensile Strength | (MPa) | 365 |
| Young's modulus* | (GPa) | 4,8 |
| Material Density | (kg/dm³) | 0,91 |
| Melting point | (°C) | 165 |
| Ignition point | (°C) | ≥ 330 |

* Young's modulus derived from slope 10-30% of max load.

Fibre properties

Length:  55 mm

Diameter:  0,85 mm

Fibre shape: star shape - corrugated

Fibres/kg: > 39000

Product Certificates



EN 14889-2
System 3

Product Conformity

Synmix® conforms to EN 14889-2

System Certificates



All Bekaert plants are ISO 9001 certified.

Packing



kg / box: 5
boxes / pallet: 108
kg / pallet: 540

Fibres are packed into pucks, wrapped with watersoluble tape.

Handling



SYNMIX® SP55

THE REFERENCE MACRO SYNTHETIC FIBRE

Synmix® macro synthetic fibers are used for temporary support allowing large structural deformations.

BEKAERT CONCRETE CONSTRUCTION SUPPORT

You can count on our support for each step of your project, from concept design to on-site quality support. Our services include recommendations on slab design, construction detailing, concrete optimization and automatic total quality control procedures. We are also happy to share our knowledge with you and your team. Feel free to ask us for a workshop or training on the topic of steel fiber reinforcement in your offices.

For recommendations on handling, dosing and mixing visit www.bekaert.com/dosingdramix. Any other specific document or certificate can be found on www.bekaert.com/dramix/downloads.