

Synmix® EZ54

Concrete reinforcement



Synmix® EZ54 synthetic fibers are manufactured from 100% virgin polypropylene embossed monofilaments, twisted to a rope. Synmix® fibers are designed specifically to reinforce concrete applications and are alkali resistant, non-absorptive and completely non-corrosive. The fibers provide crack control, durability, and post-crack flexural performance, as well as enhanced finishability.

Twisted embossed monofilaments, for easy mixing and finishing.

Characteristics Material properties

Declared Nominal values:

Tensile Strength
90 ksi (620 MPa)

Young's modulus
1,958 ksi (13.5 GPa)

Specific gravity
0,91

Melting point
329 °F (167 °C)

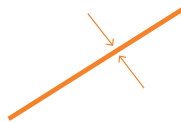
Ignition point
≥ 626 °F (≥ 330 °C)

Fiber properties

Length
2.1260 in. (54 mm)



Equivalent Diameter
0.0276 in. (0.70 mm)



Fiber shape
embossed tape twisted to a rope

Fibers / weight (approx.)
23,905/lb (52,701/kg)

Packing

weight /bag
4 lb (1.81 kg)

bags / box
6

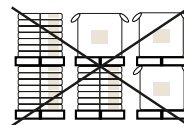
boxes / pallet:
48

weight / pallet:
1,152 lb (522 kg)



Fibers are packed in waterdegradable paper bags.

Handling



NO STACKING



KEEP DRY

Product Conformity

Synmix® conforms to ASTM Designation C1116 and D7508

System Certificates

ISO 9001 certified.

CONTACT US:

For inquiries and orders on <https://construction.bekaert.com/contact>



For recommendations on stacking, handling, dosing and mixing, visit www.bekaert.com/dosingfibers

Any other specific document or certificate can be found on <https://Construction.bekaert.com/resources>