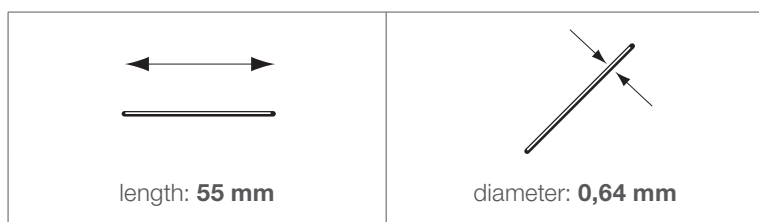


**DATASHEET** **Synmix® HP 55**

Geometry and Performance



Fibre type/shape	flat and embossed along the length
Fibres/kg	60.600
Aspect Ratio	86

Material properties - Conform EN 14889-2

Nominal values	acc. EN 14889-2(*) declared values CE label	acc. ISO 6892-1
Tensile Strength	510 N/mm <sup>2</sup>	520 N/mm <sup>2</sup>
Young's Modulus (Emod)	6,2 GPa	12,3 GPa
Product Density	910 kg/m <sup>3</sup>	

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

Packaging



kg / box: 8 (2x4)  
 boxes / pallet: 128  
 kg / pallet: 1.024

Fibres are packed in pucks, wrapped with watersoluble tape.

Storage



Product certificates

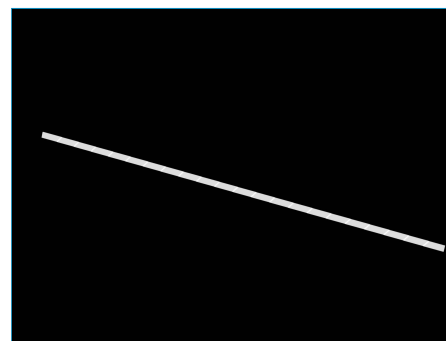


EN 14889-2  
 System 1

Product conformity



Bekaert will provide advice on the most suitable fibre for your application. Ask for our recommendations on handling, dosing and mixing at: [www.bekaert.com/doc/synmix](http://www.bekaert.com/doc/synmix)



WHAT IS SYN MIX® HP?

Synmix® macro synthetic fibres, from industryspecialist Bekaert, have set a new standard for safety reinforcement with their light weight, easy to handle product.

The Synmix® HP Polypropylene fibres are specifically engineered to provide a basic post-crack control performance.

WHY USE SYN MIX® HP?

Synmix® reduces cracks during plastic shrinkage and concrete hardening. The standard low dosage of Synmix® is very cost-effective, because it removes the need for a conventional anti-shrinkage mesh. It's flexible to work with and easy to mix. Areas of application include: Sea Defenses. Temporary support in mines and tunnels, Agriculture or where minimal shrinkage reinforcement is required.

Made by:

