

# Product data sheet

## SYNMIX® SP 55



### SYNMIX® SP 55

Synmix® SP 55 macro-synthetic fibres have set a new standard for safety reinforcement:

- light weight
- easy to handle
- ideal as a temporary support in mining & tunnelling

#### Main benefits:

- reducing of cracks during plastic shrinkage and concrete hardening.
- standard low dosage and very cost-effective
- Lower cost per Joule compared to other similar products
- Lower carbon footprint
- Made of 100% pure Polypropylene
- Many references available worldwide

The Synmix® SP 55 fibres are specifically engineered to provide to provide an optimum post-crack control performance at a very low cost.

### GEOMETRY AND PERFORMANCE

<b>Dosage</b>	39.000 Fibres/kg
<b>Length (l)</b>	55 mm
<b>Diameter (d)</b>	0,85 mm



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### MATERIAL PROPERTIES

**Tensile strength:** Rm nom: 365 N/mm<sup>2</sup>

**Young's Modulus (Emod):** ± 3.000 N/mm<sup>2</sup>

**Density:** 905 kg/m<sup>3</sup>

**Chemical composition:** Pure Polypropylene  
Melting point 165°

### PACKAGING

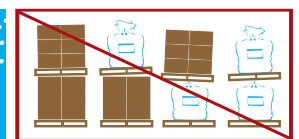


Supplied in pucks of +- 7 cm diameter, wrapped in soluble PVA film. The pucks are packed in boxes.

#### PALLET:

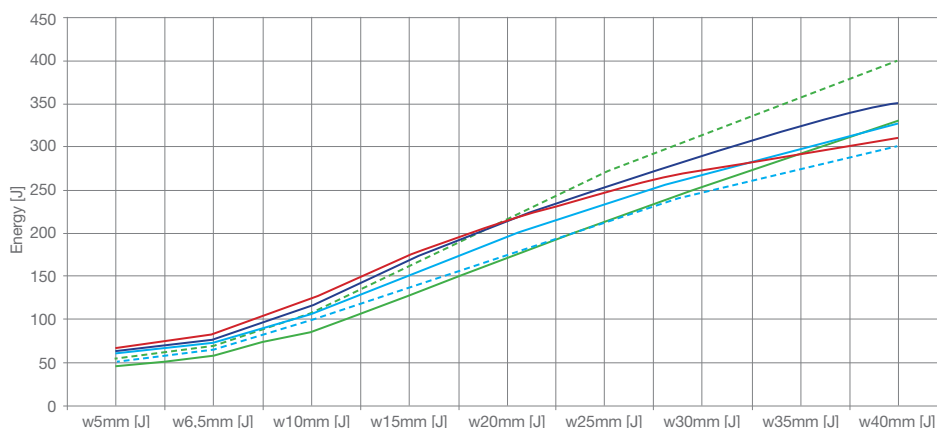
108 boxes (5 kg), 540 kg

### STORAGE



NO STACKING

### LOWER COST PER JOULE VALIDATED BY TESTING



- Fibre A
- Fibre B
- - - Synmix® SP 55
- Fibre D
- - - Fibre E
- Fibre F

Supplied by

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