

# Technical data sheet

## Hooked-end steel fibres

### HE++ 1/50

#### Dimensions

Wire diameter (d)	1.00 mm ( $\pm 0.04$ mm)
Fibre length (L)	50.0 mm (+2/-3 mm)
Hook length (l and l')	1 – 4
Hook depth (h and h')	1.80 mm (+1/-0 mm)
Bending angle ( $\alpha$ and $\alpha'$ )	45° (min. 30°)
Aspect ratio (L/d)	50
Camber of the fibre	max. 5% of L'
Torsion angle of the fibre	< 30°
Number of fibres per kg	3100
Total fibre length per 10 kg	1575 m

#### Packaging

Recyclable cardboard boxes	
Net weight/box	25 kg
Boxes/palette	48
Weight/palette	1200 kg
The fibres are oriented in one direction	
Palettes are wrapped or welded in a plastic folio	
Available also in big bag of 500 kg	

#### Miscellaneous

The described fibre is in accordance with the following standards:

- EN 14889-1 type 1 (cold-drawn wire),
- ASTM A820/A820M-04 type 1 (cold-drawn wire).

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#### Material characteristics

- Tensile strength of drawn wire  
1800 N/mm<sup>2</sup>

