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FIBRE-tec®

PPE/50

**CORRUGATED POLYMER MACRO-FIBRES COMPLYING WITH UNI EN 14889-2
USE IN STRUCTURAL CONCRETE**

Description FIBRE-tec PPE/50 are corrugated polypropylene macro-fibres with high tenacity and tensile strength.

- Fields of use**
- No wear in machines for projection of sprayed concrete, easy miscibility, reduction or elimination of cracks.
 - Compliance to EN 14889-2 makes these fibers especially applicable in concrete floors.
 - Possibility to substitute reinforcement mesh.
 - No corrosion over time even in the presence of brackish water and deicing salts

packaging Boxes of 12 kg

Technical characteristics (typical values)	• Dimensions	Diameter 1 mm x 50 mm
	• Complying to UNI EN 14889-2 par.5,8 at dosage of 10 kg/m ³	2 N/mm ² CMOD 0,5 mm 2,3 N/mm ² CMOD 3,5mm
	• Undulated surface, oval section	
	• Tensile strength	385 N/mm ²
	• Modulus of elasticity	2800 N/mm ²
	• Fusion point	165 °C
	• Dosage	2-12 kg/m ³

Safety indications Read carefully the indications on the packaging or ask for the specific Material Safety Datasheet of this product.

The above data derive from our best actual practical and laboratory knowledge and are the result of applications of the product in different fields of use. Tecnochem Italiana cannot be held responsible for negative or inadequate results that are due to improper use of the product or due to causes unconnected to the quality of the product including the storage. The technical characteristics and performance contained in this datasheet are periodically updated. This datasheet replaces and supersedes the previous versions, and the data will be updated periodically. The revision data are indicated in the specific field. The site www.TECNOCHEM.IT contains the updated datasheets

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