



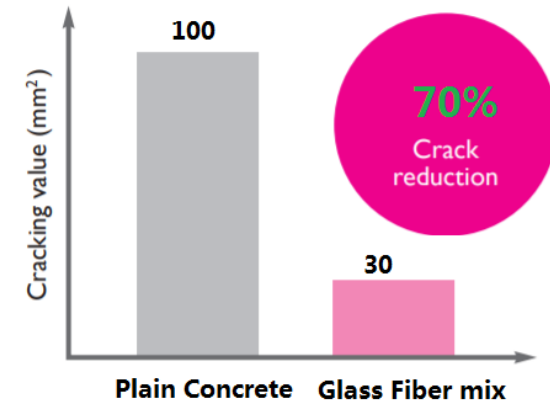
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## Data Sheet

SFTec-AR Glass fiber: To target in the general ready-mix concrete and precast industries.

### Why AR glass fibers?

- High tensile strength and modulus of elasticity
- High affinity to cementitious composites with similar density
- Quick dispersion for short mixing times
- Alkali Resistant



### Comparison between some raw materials:

Raw Material	Density	Elastic Modulus (GPa)	Tensile Strength (MPa)
Concrete	2.4	30-40	3-4
<b>SFTec-AR GlassFiber</b>	<b>2.7</b>	<b>70</b>	<b>700</b>
Steel	7.8	210	600
Polypropylene	0.9	1.5-9.5	100-500

### SFTec-AR GlassFiber Properties:

Length of Strand	Physical state	Melting Point	Diameter of Fiber	Elongation at Break	Density	Modulus of elasticity	Tensile Strength	Length of Strand
18mm/19mm	Solid white	800°C softening point	10-13µ m	3.7%	2.7g/cm <sup>3</sup>	70GPa	700MPa	18mm/19mm