

Splint-It[®] Resin-Reinforced Fiber Splinting System

Physical Properties

Braided Polyethylene Rope Fiber (1mm)	Flexural Strength (MPa)	180 (± 8)
	Flexural Modulus (GPa)	7 (± 1)
	Fiber Content (% weight)	45 (± 4)
	Filament Diameter (µm)	23
Woven Glass Fiber (2mm)	Flexural Strength (MPa)	260 (± 15)
	Flexural Modulus (GPa)	12 (± 2)
	Fiber Content (% weight)	50 (± 5)
	Filament Diameter (µm)	13
Uni-directional Glass Fiber (3mm)	Flexural Strength (MPa)	602 (± 40)
	Flexural Modulus (GPa)	28(± 3)
	Fiber Content (% weight)	55(± 5)
	Filament Diameter (µm)	6 - 10