



V•ROD CFRP BENT BARS

Revision: March 2012

		#3 CFRP	#4 CFRP	#5 CFRP
		bent bar	bent bar	bent bar
Minimum tensile strength (straight portion)	MPa	1350	950	850
	ksi	196	138	123
Nominal tensile modulus (straight portion)	GPa	125	120	115
	ksi	18116	17391	16667
Minimum tensile strength (bent portion), ACI test method B5	MPa	608	428	383
	ksi	88	62	55

note: all development lengths and splice lengths are given without correction factors (such as concrete cover)

Fiber content (by weight)	% weight	65,5	65,8	65,9
Weight	g/m	110	205	310
	lb/ft	0,074	0,138	0,208
Nominal cross-sectional area	(mm ²)	71,26	126,68	197,93
	inch ²	0,1105	0,1963	0,3068

It is the responsibility of the design engineers to contact the bar manufacturer to get the latest updates of this technical data sheet.