



Revision: Sept 2013

A-Rod bars only, not intended for structural applications

		#2 GFRP	#3 GFRP	#4 GFRP
		A•ROD	A•ROD	A•ROD
Tensile strength *	MPa	850	700	750
	ksi	123	101	109
Tensile modulus *	GPa	40		
	ksi	5797		
Tensile strain	%	2,13	1,75	1,88
Poisson's ratio	(-)	0,25		
Nominal Bond strength		MPa	9	
		psi	1304	
Glass content	% vol	63		
	% weight	80		
Weight	g/m	60	135	232
	lb/ft	0,040	0,091	0,156
Effective cross-sectional area (including sand coating)	mm ²	41,0	81,0	125,0
	inch ²	0,0636	0,1256	0,1938
Nominal cross-sectional area	mm ²	31,7	71,3	126,7
	inch ²	0,0491	0,1104	0,1963

* The mechanical properties shall not be used for design in structural applications. The figures reported in the chart are intended for informational purpose only.

Please refer to the V-Rod data sheets for structural applications.