

V•ROD 50

COMPLIES WITH ICC-ES

GLASS FIBER REINFORCED POLYMER (GFRP) REBAR

REVISION: February, 2025

Product Data Sheet - V•ROD bent bars 50

		#3 GFPR	#4 GFPR	#5 GFPR	#6 GFPR	#7 GFPR	#8 GFPR
		Bent bar	Bent bar	Bent bar	Bent bar	Bent bar	Bent bar
Minimum tensile strength (straight portion) (ASTM D7205)	ksi	148	148	145	149	146	144
Nominal tensile modulus (straight portion) (ASTM D7205)	ksi	7246					
Minimum tensile strength (bent portion) (ACI 440.3R B5)	ksi	67	66	65	67	66	65

Glass content (ASTM D3171)	% weight	77.8	78	77.5	78.9	78.4	76.1
Weight	lb/ft	0.112	0.196	0.298	0.437	0.596	0.763
Nominal cross-sectional area	in ²	0.1105	0.1963	0.3068	0.4418	0.6013	0.7854
Effective cross-sectional area (CSA S806 Annex A)	in ²	0.1265	0.2258	0.3725	0.5161	0.6811	0.9032

COMPLIES WITH THE FOLLOWING STANDARDS:

- CSA S807 Grade III
- MTO Grade III
- ASTM D7957

It is the responsibility of the design engineers to contact the bar manufacturer to get the latest updates of this technical data sheet (also available at www.fiberglassrebar.com).



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