

V•ROD 75

GLASS FIBER REINFORCED POLYMER (GFRP) REBAR

REVISION: MARCH 2022

Product Data Sheet – V•ROD 75

		#3 (10M)
Guaranteed tensile strength* [ASTM D7205]	MPa	1250
	ksi	181.3
Minimum tensile modulus [ASTM D7205]	GPa	75
	ksi	10877
Guaranteed transverse shear capacity [ASTM D7617]	MPa	230
	ksi	33.3
Resin		vinylester
Weight	g/m	224
	lb/ft	.150
Effective cross-sectional area (including sand coating)** [CSA S806 Annex A]	mm ²	103
	in ²	.160
Effective diameter	mm	12
	in	0.470
Nominal cross-sectional area [CSA S807 Table 1]	mm ²	71
	in ²	0.110

COMPLIES WITH THE FOLLOWING STANDARDS:

- **ASTM D7957** D7957-17

* The nominal guaranteed tensile strength must not be used to calculate the strength of the bent portion of a bent bar. Instead use the minimum guaranteed tensile strength found in the technical data sheet of bent **V•ROD bars**.

** Please contact **Pultrall** for doweling applications.

Development and splice length are available upon request but should be determined by the design engineer.

The guaranteed value presented in this document is the mean value minus 3 times the standard deviation.

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.vrod.ca). For any additional technical results or literature, please contact **Pultrall**.