



MATERIAL SPECIFICATION

VINYLESTER THREADED ROD + NUTS

	3/8-16	1/2-13	5/8-11
Compressive Strength, LW PSI ASTM D-695	“”	min 55,000	“”
Flexural Strength, PSI ASTM D-790	“”	min 60,000	“”
Water Absorption, %, ASTM D570	“”	1.00	“”
Dielectric Strength, KV / inch D149	“”	40 Kv	“”
UL Flammability ASTM D635	self-extinguishing		
Ultimate thread shear with fiberglass nut, lbs minimum	1000	2000	3000
Ultimate Torque Strength with fiberglass nut lubricated, ft lbs	min 8	min 15	min 33
Nut dimensions – square	0.68	0.875	1.062
Thickness	0.437	0.562	0.688
hex nut	0.745	1.00	1.250
thickness	0.750	0.855	1.220

Fiberglass Reinforced Vinylester threaded Rods + Nuts are manufactured using premium vinylester resins containing UV Inhibitors.

Properties listed are the result of ASTM test methods indicated. Values are intended only for use in design and engineering and not warranted.



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Values are based on Typical Test Methods and Conditions and to be used for Engineering and Design Purposes only