



P.O. Box 1127 / Greenbrier, AR 72058 / ph 870-404-1922 / fax 501-335-8106

**Tillco FRP Rebar Properties**  
**Straight Bar**

Bar Size	Nominal Diameter	Weight Lbs per ft.	Guaranteed Tensile Strength (ksi)
#2	.250	.04	112
#3	.375	.10	107
#4	.500	.17	100
#5	.625	.27	95
#6	.750	.37	90
#7	.875	.54	85
#8	1.00	.70	80

Modulus of Elasticity = 6050 ksi\*

Perpendicular Shear = 20 ksi\*

Bond Strength = 1000 ksi\*

*\*Average for all sizes*

**Bent Bars**

- A. All bends shall be fabricated at Tillco shop location. Bar cannot be field bent.
- B. Bent bar should be rated at 40% of the tensile strength of a straight bar of same size.
- C. Bends are made with an inside radius of at least 4 times the bar diameter.