



42 STEVE'S LANE, GARDINER, NY 12525 | PH 845-255-1044 | FAX 845-255-1597 | DKICONCRETE.COM

Typical Range Of Gfrc Premix Properties

Property	28-Day, (E)
Density (dry)	110 to 130 (pcf)
Compressive Strength (edgewise)	6,000 to 9,000 (psi)
Flexural:	
Yield (FY)	700 to 1,200 (psi)
Ultimate Strength (FU)	1,450 to 2,000 (psi)
Modulus of Elasticity	1.5x10 to 2.9x10 ⁶ (psi)
Direct Tension:	
Yield (TY)	600 to 900 (psi)
Ultimate Strength (TU)	600 to 1,000 (psi)
Strain to Failure	0.1 to 0.2 (percent)
Shear:	
In-Plane	600 to 1,000 (psi)
Coefficient of thermal expansion (77 to 115 deg. F)	6 to 12x10 (in./in./deg F)
Thermal conductivity	3.5 to 7.0 (Btu./in./hr./ft ⁶ /deg F)