

- BSL3 & BSL4 Labs
- Pharmaceutical Manufacturing

Table 1: Mechanical properties of GRP compared to other structural materials.

Material	Specific Strength (Mpa)	Specific Gravity	Tensile Strength (Mpa)	Compressive Strength (Mpa)
Mild Steel	31	7.8	240	240
Aluminium Alloy	154	2.7	417	417
Stainless Steel	30	7.92	241	241
GRP	417	2.16	900	450

Mpa - Measurement of Unconfined Compression Strength