

List of Abbreviation

1. FRP- Fiber reinforced polymer
2. BCR –Braided Composite Rod
3. PP – Polypropylene
4. PE - Polyethylene
5. PC - Polycarbonate
6. Kn – Kilo newton
7. Kgf – Kilo gram force
8. Mpa – Mega pascal
9. Gpa – Giga pascal
10. E-glass - Electrical glass
11. S-glass - Structural glass
12. C-glass - Chemical glass
13. UV – Ultra violet
14. GFRP - Glass Fiber reinforced polymer
15. CFRP - Carbon Fiber reinforced polymer
16. AFRP - Aramid Fiber reinforced polymer
17. ANN - Artificial Neural Networks
18. OEM – Original equipment manufacturer
19. Gf- Gramm force
20. Gpd – grams per denier
21. GLM – grams per linear meter
22. BCRN – braided composite rod nylon
23. FVF – Fiber volume fraction