

# SUPERSTRONG UP-JACKETED FRP

## TECHNICAL DATA SHEET

S. No.	PARAMFTERS	UNITS	SPECIFICATIONS	TEST MERHOD
1	Surface	-	Smooth, Free from cracks	Visual
2	Diameter (Uncoated Rod)	mm	$d \pm 0.05$	Micrometer
3	Diameter (Coated Rod)	mm	$D +0.10/-0.05$	Micrometer
4	EAA Coating Thickness (As per customer requirement)	Microns	$40 \pm 20$	Micrometer
5	PE Coating thickness (As per customer requirement)	mm	$\square 0.5$	Micrometer
6	Min. Bending Dia. at 25°C	mm	$\square 25 \times \text{Dof Rod}$	Mandrel Bend
7	Glass content	%	$82 \pm 3$	By Weight
8	Tensile Strength	Kg/mm <sup>2</sup>	$\square 140$	ASTMD 3916
9	Tensile Modulus	Kg/mm <sup>2</sup>	$\square 5000$	ASTMD 3916
10	Elongation at break	%	$\square 2.5$	ASTMD 3916
11	Heat Stress at 80°C For 24 hours	mm	50 x Diameter of Rod	ASTMD 0696