

# SUPERSTRONG ARP

## TECHNICAL DATA SHEET

S. No.	PARAMFTERS	UNITS	SPECIFICATIONS	TEST MERHOD
1	Surface	-	Smooth surface, no dirt, no crack	Visually, Touch by hand
2	Diameter (Uncoated Rod)	mm	± 0. 03	Micrometer
3	Diameter (Coated Rod)	mm	± 0.05	Micrometer
4	EAA Coating thickness	Microns	□ 20	Micrometer
5	Ovality	mm	□ 0.03	Micrometer
6	Min. Bending Diameter at 25°C,	mm	□ 16 x Diameter of Rod	TEC 89010:2021 Section - XVI
7	Tensile Strength	Kg/mm2	□ 150	ASTMD 3916
8	Tensile Modulus	Kg/mm2	□ 5000	ASTMD 3916 / D638
9	Elongation at break	%	□ 2.5	ASTMD 3916
10	Heat Stress at 80°C For 24 hours, 50xD	mm	No delamination or decomposition	TEC 89010:2021 Section - XVI