

## Mechanical Properties

Specification	Grade	Yield Strength Mpa Min			Ultimate Tensile Strength Mpa Min	Elongation % Min GL 5.65 /S <sub>0</sub>
		< 20	20-40	> 40		
IS 2062/1999	A	250	240	230	410	23
	B	250	240	230	410	23
	C	250	240	230	410	23
SAILMA	300	300			440-560	20
	300 HI	300			440-560	21
	350	350			490-610	20
	350 HI	350			490-610	21
	410	410			540-660	19
	410 HI	410			540-660	20
	450	450			570-720	18
	450 HI	450			570-720	19
ASTM-A-36		250			400-550	200 mm - 18, 50 mm - 21
DIN 17100	ST 52.3	0.16 mm	>16 0 40	>40 0 63	490-630	18