



MECHANICAL PROPERTIES

Tensile Strength (Min.): N/mm ²	690	Section Modulus - Foot:	68.5 cm ³
Yield Point (Min.): N/mm ²	355	Section Modulus - Head:	45.6 cm ³
Moment of Inertia: I _x	178.0 cm ⁴	Elongation (%):	12 min.
Moment of Inertia: I _y	337.0 cm ⁴	Area:	40.5 cm ²
Standard Length:	12.00 m	Calculated Mass:	31.8 kg/m

CHEMICAL COMPOSITION (%) Indicative

Carbon 0.40 - 0.60	Silicon 0.40 max	Manganese 0.80 - 1.20	Phosphorus 0.045 max	Sulphur 0.045 max
------------------------------	----------------------------	---------------------------------	--------------------------------	-----------------------------