



**MECHANICAL PROPERTIES**

Tensile Strength (Min.): N/mm <sup>2</sup>	880 min.	Section Modulus - Foot:	601.5 cm <sup>3</sup>
Yield Point (Min.): N/mm <sup>2</sup>	440	Section Modulus - Head:	565.7 cm <sup>3</sup>
Moment of Inertia: I <sub>x</sub>	4373.0 cm <sup>4</sup>	Elongation (%):	8 min.
Moment of Inertia: I <sub>y</sub>	3805.0 cm <sup>4</sup>	Area:	191.4 cm <sup>2</sup>
<b>Standard Length:</b>	<b>12.00 m</b>	<b>Calculated Mass:</b>	<b>150.3 kg/m</b>

**CHEMICAL COMPOSITION (%)** Indicative

Carbon	Silicon	Manganese	Phosphorus	Sulphur
0.60 - 0.80	0.50 max	0.80 - 1.70	0.045 max	0.045 max