



**MECHANICAL PROPERTIES**

<b>Tensile Strength (Min.): N/mm<sup>2</sup></b>	<b>880 min.</b>	<b>Section Modulus - Foot:</b>	<b>203.8 cm<sup>3</sup></b>
<b>Moment of Inertia: I<sub>x</sub></b>	<b>858.0 cm<sup>4</sup></b>	<b>Section Modulus - Head:</b>	<b>162.2 cm<sup>3</sup></b>
<b>Moment of Inertia: I<sub>y</sub></b>	<b>1345.0 cm<sup>4</sup></b>	<b>Elongation (%):</b>	<b>8 min.</b>
<b>Yield Point (Min.): N/mm<sup>2</sup></b>	<b>440</b>	<b>Area:</b>	<b>94.7 cm<sup>2</sup></b>
<b>Standard Length:</b>	<b>12.00 m</b>	<b>Calculated Mass:</b>	<b>74.3 kg/m</b>

**CHEMICAL COMPOSITION (%)** Indicative

<b>Carbon</b> 0.60 - 0.80	<b>Silicon</b> 0.10 - 0.40	<b>Manganese</b> 0.70 - 1.25	<b>Phosphorus</b> 0.045 max	<b>Sulphur</b> 0.045 max
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