



MECHANICAL PROPERTIES			
Tensile Strength (Min.): N/mm <sup>2</sup>	690	Section Modulus - Foot:	153.5 cm <sup>3</sup>
Yield Point (Min.): N/mm <sup>2</sup>	355	Section Modulus - Head:	105.4 cm <sup>3</sup>
Moment of Inertia: I <sub>x</sub>	531.0 cm <sup>4</sup>	Elongation (%):	12 min.
Moment of Inertia: I <sub>y</sub>	1011.0 cm <sup>4</sup>	Area:	71.6 cm <sup>2</sup>
<b>Standard Length:</b>	<b>12.00 m</b>	<b>Calculated Mass:</b>	<b>56.2 kg/m</b>

CHEMICAL COMPOSITION (%)				
Indicative				
<b>Carbon</b>	<b>Silicon</b>	<b>Manganese</b>	<b>Phosphorus</b>	<b>Sulphur</b>
0.40 - 0.60	0.40 max	0.80 - 1.20	0.045 max	0.045 max