



MECHANICAL PROPERTIES			
Tensile Strength (Min.): N/mm ²	690	Section Modulus - Foot:	41.5 cm ³
Yield Point (Min.): N/mm ²	355	Section Modulus - Head:	27.0 cm ³
Moment of Inertia: I _x	90.0 cm ⁴	Elongation (%):	12 min.
Moment of Inertia: I _y	170.0 cm ⁴	Area:	28.2 cm ²
Standard Length:	12.00 m	Calculated Mass:	22.1 kg/m

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