



MECHANICAL PROPERTIES			
Tensile Strength (Min.): N/mm ²	690	Section Modulus - Foot:	105.3 cm ³
Yield Point (Min.): N/mm ²	355	Section Modulus - Head:	71.4 cm ³
Moment of Inertia: I _x	319.0 cm ⁴	Elongation (%):	12 min.
Moment of Inertia: I _y	608.0 cm ⁴	Area:	54.9 cm ²
Standard Length:	12.00 m	Calculated Mass:	43.1 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