



**Hot Rolled Products in Weldable Fine Grain Structural Steels, Normalised**

EN 10113-2	DIN 17102	ASTM	NF A36-201	BS 4360	UNI	Mater No	Tensile Strength (Mpa)	Impact Energy				
								N = Normalised L= Low Operating Temperature				
								Kv (J)				
								T (Deg C)				
								transverse		longitudinal		
								N	NL	N	NL	NL
S275N	StE285	A662Gr.A			FeE275KGN	1.0490	370-510					
S275NL	TStE285	A662Gr.A		40EE	FeE275KTN	1.0491						
S355N	StE355	A588; A662Gr.B	E355R		FeE355KGN	1.0545						
		A633Gr.D					470-630					
S355NL	TStE355	A662Gr.B; A633Gr.D	E355FP	50EE	FeE355KTN	1.0546		+20	31	40	55	63
S420N	StE420	A537; A633Gr.E	E420R			1.8902		0	27	34	47	55
		A737Gr.C					520-680					
S420NL	TStE420	A633Gr.E; A737Gr.C	E420FP			1.8912		-20	20	27	40	47
S460N	StE460	A572Gr.65; A633Gr.E	E460R		FE460KGN	1.8901		-40		20		31
S460NL	TStE460	A633Gr.E	E460FP	55EE	FeE460KTN	1.8903	550-720					