



**Weldable Fine-Grain Steels, Normalised**

EN 10028-3	DIN 17102	ASTM	NF A36-207	BS 1501 P.1	UNI 5907	Material No	Tensile Strength	Rpo.2 Yield Point values at elevated temperature						
								100 deg c	150 deg c	200 deg c	300 deg c	400 deg c		
							Mpa							
P275N	StE285	A516Gr60;A662GrA		224-400A	FeE285KG;KW	1.0486	390-510	245	226	196	147	108		
P275NH	WStE285	A516Gr60		224-400B	FeE285KG;KW	1.0487	390-510	245	226	196	147	108		
P275NL1	TStE285	A516Gr60;A529;A662GrA		224-400A	FeE285KT	1.0488	390-510	245	226	196	147	108		
P275NL2	ESTe285			224-400A		1.1104	390-510	245	226	196	147	108		
P355N	StE355	A516Gr70;A737Gr B;A738GrA;GR C	A510AP	225-490A	FeE355KG;KW	1.0562	490-630	304	284	245	216	167		
P355NH	WStE355		A510AP	225-490B	FeE355-2 FeE355KG;KW	1.0565	490-630	304	284	245	216	167		
P355NL1	TStE355	A299	A510FP	225-490A	FeE355-3; FeE355KT	1.0566	490-630	304	284	245	216	167		
P355NL2	ESTe355			225-490A	FeE355-3	1.1106	490-630	304	284	245	216	167		
P460N	StE460	A612;A737GrC	A590AP		FeE460KG;KW	1.8905	570-730	402	373	333	294	235		
P460NH	WStE460	A612	A590AP		FeE460KG;KW	1.8935	570-730	402	373	333	294	235		
P460NL1	TStE460	A612;A737GrC	A590FP		FeE460KT	1.8915	570-730	402	373	333	294	235		
P460NL2	ESTe460					1.8918	570-730	402	373	333	294	235		
			P = Pressure Vessel Steel						Impact Energy		Transverse		Longitudinal	
			N = Normalized						Steel Grade	T deg c	Kv (J)	T deg c	Kv (J)	
			H = High operating Temperature						P...N...NH	0	27	-20	40	
			L = Low operating Temperature						P...NL1	-20	27	-40	34	
								P...NL2	-50	27	-50	30		