



江 阴 长 江 制 管

Jiangyin Changjiang Steel Tube Making Factory

Technical specifications

1. Chemical Composition of EN10216-2 Seamless Steel Pipe

Standard	Steel Grade	Chemical Composition (%)												
		C	Si	Mn	P	S	Cr	Mo	Ni	Al	Cu	Nb	Ti	Vi
		Max.	Max.	Max.	Max.	Max.	Max.	Max.	Max.	min.	Max.	Max.	Max.	Max.
EN 10216-2	P195GH	0.13	0.35	0.70	0.025	0.02	0.30	0.08	0.30	0.02	0.30	0.01	0.04	0.02
	P235GH	0.16	0.35	1.20	0.025	0.02	0.30	0.08	0.30	0.02	0.30	0.01	0.04	0.02
	P265GH	0.20	0.40	1.40	0.025	0.02	0.30	0.08	0.30	0.02	0.30	0.01	0.04	0.02
	13CrMo4-5	0.10-0.17	0.35	0.40-0.70	0.025	0.02	0.70-1.15	0.40-0.60	0.30	≤ 0.04	0.30	\	\	\
	10CrMo9-10	0.08-0.14	0.50	0.30-0.70	0.025	0.02	2.00-2.50	0.90-1.10	0.30	≤ 0.04	0.30	\	\	\

2. Mechanical Properties of EN10216-2 Seamless Tube

Standard	Steel Grade	Mechanical Properties			
		Tensile Strength (Mpa)	Yield Strength (Mpa)	Elongation (%)	Impact Energy (J)
EN 10216-2	P195GH	320-440	≥195	≥27	≥40
	P235GH	360-500	≥235	≥25	≥40
	P265GH	410-570	≥265	≥23	≥40
	13CrMo4-5	440-590	≥290	≥22	≥40
	10CrMo9-10	480-630	≥280	≥22	≥40

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