



Supplier of ASTM SA335 Boiler Pipe Pipe and External Piping

Professional Manufacturer and Supplier from China specialized in Boiler Pipe, Boiler Pipe, External Piping at consistant quality



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Features Specifications:

Standard	Steel Code	Tensile trength(MPa)	Yield Strength(MPa)	Elongation Percent(%)	Impact Power(J)	Rigidity
ASME SA335	SA335 11	≥415	≥205	≥22	≥35	≤163HB
	SA335 12	≥415	≥220	≥22	≥35	≤163HB
	SA335 22	≥415	≥205	≥22	≥35	≤163HB
	SA335 P5	≥415	≥205	≥22	≥35	≤187HB
	SA335 91	585-760	≥415	≥20	≥35	≤250HB
	SA335 92	≥620	≥440	≥20	≥35	≤250HB

Chemical Component

Stand ar d	Steel Code	Chemical Component(%)													
		C	Si	Mn	P	S	Cr	Mo	Cu	Ni	V	Al	W	Nb	N
ASME SA335	SA335P11	0.05~0.15	0.50~.0	0.30-0.60	≤0.030	≤0.030	1.00-1.50	0.50~1.00							
	SA335 12	0.05~0.15	≤0.50	0.30-0.61	≤0.030	≤0.030	0.80~.25	0.44~0.65							
	SA335 22	0.05~0.15	≤0.50	0.30-0.60	≤0.030	≤0.030	1.90~.60	0.87~1.13							
	SA335 P5	≤0.15	≤0.50	0.30~.60	≤0.030	≤0.030	4.00/6.00	0.45/0.65							
	SA335 91	0.08~0.12	0.20~0.50	0.30~.60	≤0.020	≤0.010	8.00~.50	0.85~1.05		≤0.40	0.18~0.25	≤0.015		0.06~0.10	0.03~0.07
	SA335 92	0.07~0.13	≤0.50	0.30~.60	≤0.020	≤0.010	8.50~.50	0.30~0.60	B0.001 0.006	≤0.40	0.15~0.25	≤0.015	1.50~2.00	0.04~0.09	0.03~0.07



Type of Steel Pipes	OD(D)		WT(S)	
	OD(mm)	Tolerance (mm)	Wall Thickness(mm)	Tolerance (mm)
Cold Drawn Steel Pipe	>30~50	±0.3	>3~20	±10%
	>114~159	±0.8%	≤30	±10%
	>159~219	±1.0%		
Hot Rolled Steel Pipe	>219~457	±1.0%	≤20	□□10%,□□12.5%
			>20~40	□□10%,□□10%

