

Material: ASTM A426 Grade CP11

Standard Specification for Centrifugally Cast Ferritic Alloy Steel Pipe for High Temperature Service

Group: Ferrous Mild Steel Alloys

Sub Group: ASTM A 426 Grade CP11 Centrifugally Cast Ferritic Alloy Steel Pipe for High Temperature Service

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry: Steel

Chemical Composition			Heat Treatment	
Carbon	C %	0.050 - 0.200	Normalizing or Annealing or Hardening + Tempering	
Silicon	Si %	0.600 max.		
Manganese	Mn %	0.300 - 0.800		
Phosphorus	P %	0.030 max.		
Sulphur	S %	0.025 max.		
Chromium	Cr %	1.000 - 1.500		
Molybdenum	Mo %	0.440 - 0.650		
Nickel	Ni %	0.500 max.	Mechanical Properties Tensile Strength in Mpa 485 min. Yield Strength in Mpa 275 min. Elongation in % 20 min. Reduction of Area in % 35 min. Hardness in HB 201 max. Impact in Joule -	
Tungsten	W %	0.100 max.		
Copper	Cu %	0.500 max.		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
SA-217 Grade WC6	ASME	USA	Casting
G 17 CrMo 5-5	AFNOR NF	France	Casting
J12072	UNS	USA	Casting
621	BS	British	Plate
G S 17 CrMo 5-5	DIN	Germany	Casting
G 17 CrMo 5-5	EN	European Union	Casting
A217 Grade WC6	ASTM	USA	Casting

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