

Material: ASTM A660 Grade WCB

Standard Specification for Centrifugally Cast Carbon Steel Pipe for High-Temperature Service

Group: Ferrous Mild Steel Alloys
Sub Group: ASTM A 660 Centrifugally Cast Carbon Steel Pipe for High-Temperature Service
Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries
Grade Belongs to the Industry: Fusion Welding, Bending and Forming

Chemical Composition			Heat Treatment	
Carbon	C %	0.300 max.	Normalising or Annealing or Hardening + Tempering	
Silicon	Si %	0.600 max.		
Manganese	Mn %	1.000 max.		
Phosphorus	P %	0.035 max.		
Sulphur	S %	0.035 max.		
Iron	Fe %	Balance		
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-	-	-	Mechanical Properties	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
A757 A 1 Q	ASTM	USA	Casting
J03002	UNS	USA	Casting
1.0619	DIN	Germany	Casting
1.0619	EN	European Union	Casting
SA 216 WCB	ASME	USA	Casting
SA-660 WCB	ASME	USA	Centrifugal Casting
A216 WCB	ASTM	USA	Casting