

**Group:** *Ferrous Mild Steel Alloys*

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

Chemical Composition			Heat Treatment	
Carbon	C %	0.650 - 0.750	As Raw or Annealing or Normalizing or Hardening and Tempering	
Manganese	Mn %	0.600 - 0.900		
Phosphorus	P %	0.030 max.		
Sulphur	S %	0.050 max.		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	700 min.
-	-	-	Yield Strength in Mpa	390 min.
-	-	-	Elongation in %	12 min.
-	-	-	Reduction of Area in %	30 min.
-	-	-	Hardness in BHN	212 max.
-	-	-	Impact in Joule	-

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