

Material: GOST 15ch13L

Standard Specification for Steel Castings Suitable for Pressure Service

Group: Ferrous Stainless Steel Alloys

Sub Group: GOST 15ch13L Steel Castings Suitable for Pressure Service

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

Grade Belongs to the Industry: Casting

Chemical Composition		
Carbon	C %	0.150 max.
Silicon	Si %	0.200 - 0.800
Manganese	Mn %	0.300 - 0.800
Phosphorus	P %	0.030 max.
Sulphur	S %	0.025 max.
Chromium	Cr %	12.000 - 14.000
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Annealing or Hardening + Tempering

Mechanical Properties	
Tensile Strength in Mpa	600 - 800
Yield Strength in Mpa	420 min.
Elongation in %	18 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
410.0000	AISI	USA	Bar, Wire, Shapes and Forging
410 C 21	BS	British	Casting
5351	AMS	USA	Casting
385 G X 12 Cr 13	SFS	Finland	Casting
A217 CA 15	ASTM	USA	Casting
A487 CA 15	ASTM	USA	Casting
A743 CA 15	ASTM	USA	Casting

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