

Material: BS 3100 Grade BT2

Standard Specification for Steel Castings for General Engineering Purposes

Group: Ferrous Mild Steel Alloys

Sub Group: BS 3100 Grade BT2 Steel Castings for General Engineering Purposes

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

Grade Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Phosphorus	P %	0.040 max.	As Cast or Annealing or Normalizing or Hardening and Tempering	
Sulphur	S %	0.040 max.		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	850 min.
-	-	-	Yield Strength in Mpa	585 min.
-	-	-	Elongation in %	8 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	248 - 327
-	-	-	Impact in Joule	25 J @ RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
BT1	BS	British	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com