GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS 660

Standard Specification for Steel Castings for General Engineering Purposes

Group - Ferrous Mild Steel Alloys

Sub Group - BS 660 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		
Carbon	C %	0.100 - 0.150
Silicon	Si %	0.450 max.
Manganese	Mn %	0.400 - 0.700
Phosphorus	P %	0.030 max.
Sulphur	S %	0.030 max.
Chromium	Cr %	0.300 - 0.500
Molybdenum	Mo %	0.400 - 0.600
Nickel	Ni %	0.300 max.
Copper	Cu %	0.300 max.
Tin	Sn %	0.050 max.
Vanadium	V %	0.220 - 0.350
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-

Heat Treatment
As Cast or Annealing or Normalizing or Hardening and Tempering

Mechanical Properties	
Tensile Strength in Mpa	460 - 660
Yield Strength in Mpa	295 min.
Elongation in %	17 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
B7	BS	British	Casting
2074/L5H	AS	Australia	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com