GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - NBN 1.3802

Standard Specification for Steel Castings for General Engineering Purposes

Group - Ferrous Stainless Steel Alloys

Sub Group - NBN 1.3802 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 %	1.050 - 1.350
Silicon	Si %	0.300 - 0.900
Manganese	Mn %	11.000 - 14.000
Phosphorus	P %	0.060 max.
Sulphur	S %	0.045 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

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

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in BHN	300 max.
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
BW10	BS	British	Casting
Z 120 M 12 M	AFNOR NF	France	Casting
1.3401	DIN	Germany	Casting
1.3802	ONORM	Australia	Casting
1.3802	BDS	Bulgaria	Casting
GX120Mn13	BDS	Bulgaria	Casting
GX120Mn13	NBN	Belgium	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