

Material: BS EN 10213 GX2CrNiMoN26-7-4

Standard Specification for Steel Castings for Pressure Purposes

Group: Ferrous Stainless Steel Alloys

Sub Group: BS EN 10213 GX2CrNiMoN26-7-4 Steel Castings for Pressure Purposes

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

Grade Belongs to the Industry: Plate, Tubes and Forging

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	Normalizing or Quenching or Solution Annealing	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 max.		
Phosphorus	P %	0.035 max.		
Sulphur	S %	0.025 max.		
Chromium	Cr %	25.000 - 27.000		
Molybdenum	Mo %	3.000 - 5.000		
Nickel	Ni %	6.000 - 8.000		
Copper	Cu %	1.300 max.		
Nitrogen	N %	0.120 - 0.220		
Iron	Fe %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	480 min.
-	-	-	Yield Strength in Mpa	390 min.
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	50 J @ RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
GX2CrNiMoN26-7-4	ISO	International	Casting
1.4469	ISO	International	Casting
GX2CrNiMoN26-7-4	NBN	Belgium	Casting
1.4469	NBN	Belgium	Casting
GX2CrNiMoN26-7-4	EN	European Union	Casting
1.4469	EN	European Union	Casting
1.4469	SFS	Finland	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