



Material - AFNOR NF GX2CrNiMoN26-7-4

Standard Specification for Steel Castings for Pressure Purposes

Group - Ferrous Stainless Steel Alloys

Sub Group - AFNOR NF GX2CrNiMoN26-7-4 Steel Castings for Pressure Purposes

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	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		
Nickel	Ni %	6.000 - 8.000		
Molybdenum	Mo %	3.000 - 5.000		
Nitrogen	N %	0.120 - 0.220		
Copper	Cu %	1.300 max.	Mechanical Properties	
Iron	Fe %	Balance	Tensile Strength in Mpa	650 - 850
-	-	-	Yield Strength in Mpa	480 min.
-	-	-	Elongation in %	22 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	50 J @ RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
1.4469	EN	European Union	Casting
GX2CrNiMoN26-7-4	DIN	Germany	Casting
GX2CrNiMoN25-7-4	DIN	Germany	Casting
J93404	UNS	USA	Casting
1.4469	EN	European Union	Casting
A995 5A	ASTM	USA	Casting
A890 5A	ASTM	USA	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

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