

Material: AFNOR NF NC0007

Standard Specification for Castings, Nickel and Nickel Alloy

Group: Non-Ferrous Nickel Alloys

Sub Group: AFNOR NF NC0007 Castings, Nickel and Nickel Alloy

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

Grade Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.050 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 max.		
Phosphorus	P %	0.030 max.		
Sulphur	S %	0.030 max.		
Chromium	Cr %	1.000 max.		
Vanadium	V %	0.200 - 0.600		
Molybdenum	Mo %	26.000 - 33.000		
Iron	Fe %	4.000 - 6.000		
Nickel	Ni %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 525 min. Yield Strength in Mpa 275 min. Elongation in % 20 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
A 494 N12MV	ASTM	USA	Casting
SA-494 N12MV	ASME	USA	Casting
C-NiMo30Fe5	AFNOR NF	France	Casting
ND28-M	AFNOR NF	France	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