

Material - ASTM A990 N2M

Standard Specification for Castings, Iron-Nickel-Chromium and Nickel Alloys, Specially Controlled for Pressure Retaining Parts for Corrosive Service

Group - Non Ferrous Nickel Alloys

Sub Group - ASTM A990 N2M Iron-Nickel-Chromium and Nickel Alloys, Specially Controlled for Pressure Retaining Parts for Corrosive Service

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.020 max.	Solution Annealing	
Silicon	Si %	0.800 max.		
Manganese	Mn %	1.000 max.		
Phosphorus	P %	0.030 max.		
Sulphur	S %	0.015 max.		
Chromium	Cr %	1.000 max.		
Copper	Cu %	0.200 max.		
Molybdenum	Mo %	30.000 - 33.000	Mechanical Properties	
Tungsten	W %	0.200 max.		
Vanadium	V %	0.200 max.		
Iron	Fe %	3.000 max.		
Nickel	Ni %	Balance		
-	-	-		
-	-	-		
-	-	-		
			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
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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