

Material-IS10774Grade 8

Standard Specification for Corrosion Resistant High Alloy Steel and Nickel Base Castings for General Applications

Group-Ferrous Stainless Steel Alloys

Sub Group - IS 10774 Corrosion Resistant High Alloy Steel and Nickel Base Castings for General Applications Application

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

Grade Belongs to the Industry- Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.060 max.	Hardening+Tempering	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 max.		
Phosphorus	P%	0.040 max.		
Sulphur	S %	0.040 max.		
Chromium	Cr%	11.500- 14.000		
Molybdenum	Mo %	0.400- 1.000		
Nickel	Ni%	3.500 - 4.500		
Iron	Fe%	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 760 min. Yield Strength in Mpa 550 min. Elongation in % 14 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belongs to the Industry
A352CA6NM	ASTM	USA	Casting
A356CA6NM	ASTM	USA	Casting
A487CA6NM	ASTM	USA	Casting
SA-352Grade CA6NM	ASME	USA	Casting
SA-487Grade CA6NMA	ASME	USA	Casting
SA-487Grade CA6NMB	ASME	USA	Casting
SA-487Class CA6NM	ASME	USA	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