

Material: ASME SB-581 N06975

Standard Specification for Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod

Group: Non-Ferrous Nickel Alloys

Sub Group: ASME SB-581 N06975 Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod

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

Grade Belongs to the Industry: Rod

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 max.		
Chromium	Cr %	23.000 - 26.000		
Sulphur	S %	0.030 max.		
Molybdenum	Mo %	5.000 - 7.000		
Phosphorus	P %	0.030 max.		
Titanium	Ti %	0.700 - 1.500		
Copper	Cu %	0.700 - 1.200		
Nickel	Ni %	47.000 - 52.000		
Iron	Fe %	Balance	Mechanical Properties Tensile Strength in Mpa 586 min. Yield Strength in Mpa 221 min. Elongation in % 40 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 581 N06975	ASTM	USA	Rod
B 582 N06975	ASTM	USA	Plate, Sheet and Strip
B 619 N06975	ASTM	USA	Pipe
B 622 N06975	ASTM	USA	Pipe and Tube
B 626 N06975	ASTM	USA	Tube
SB-582 N06975	ASME	USA	Plate, Sheet and Strip
SB-619 N06975	ASME	USA	Pipe

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



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India