

Material: ASME SB-165 N04400

Standard Specification for Nickel-Copper Alloy Seamless Pipe and Tube

Group: Non-Ferrous Nickel Alloys

Sub Group: ASME SB-165 N04400 Nickel-Copper Alloy Seamless Pipe and Tube

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

Grade Belongs to the Industry: Pipe and Tube

Chemical Composition			Heat Treatment	
Carbon	C %	0.300 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.500 max.		
Manganese	Mn %	2.000 max.		
Copper	Cu %	28.000 - 34.000		
Sulphur	S %	0.024 max.		
Iron	Fe %	2.500 max.		
Nickel	Ni %	63.000 min.		
-	-	-	Mechanical Properties Tensile Strength in Mpa 480 min. Yield Strength in Mpa 170 min. Elongation in % 15 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 164 N04400	ASTM	USA	Rod, Bar and Wire
B 165 N04400	ASTM	USA	Pipe and Tube
B 564 N04400	ASTM	USA	Forging
B 127 N04400	ASTM	USA	Plate, Sheet and Strip
B 725 N04400	ASTM	USA	Pipe
B 163 N04400	ASTM	USA	Tube
B 163 N04400	ASTM	USA	Tube

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