

Material: ASTM B 472 N06200

Standard Specification for Nickel Alloy Billets and Bars for Reforging

Group: Non-Ferrous Nickel Alloys

Sub Group: ASTM B 472 N06200 Nickel Alloy Billets and Bars for Reforging

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

Grade Belongs to the Industry: Billets and Bars

Chemical Composition			Heat Treatment	
Carbon	C %	0.010 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.080 max.		
Manganese	Mn %	0.500 max.		
Chromium	Cr %	22.000 - 24.000		
Sulphur	S %	0.010 max.		
Molybdenum	Mo %	15.000 - 17.000		
Phosphorus	P %	0.025 max.		
Cobalt	Co %	2.000 max.		
Copper	Cu %	1.300 - 1.900		
Aluminium	Al %	0.500 max.		
Iron	Fe %	3.000 max.	Mechanical Properties	
Nickel	Ni %	Balance	Tensile Strength in Mpa	690 min.
-	-	-	Yield Strength in Mpa	310 min.
-	-	-	Elongation in %	45 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 564 N06200	ASTM	USA	Forging
B 574 N06200	ASTM	USA	Rod
B 575 N06200	ASTM	USA	Plate, Sheet and Strip
B 462 N06200	ASTM	USA	Pipe Flanges, Forged Fittings and Valve
B 619 N06200	ASTM	USA	Pipe
B 622 N06200	ASTM	USA	Pipe and Tube
B 626 N06200	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



+91-99090 45075



info@icastllp.com



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