



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 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 -	
Nickel	Ni %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

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

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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