

Material: ASTM B 462 N06200

Standard Specification for Forged or Rolled Alloy Pipe Flanges, Forged Fittings, and Valves and Parts for Corrosive High-Temperature Service

Group: Non-Ferrous Nickel Alloys

Sub Group: ASTM B 462 N06200 Forged or Rolled Alloy Pipe Flanges, Forged Fittings, and Valves and Parts for Corrosive High-Temperature Service

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

Grade Belongs to the Industry: Pipe Flanges, Forged Fittings and Valve

Chemical Composition		
Carbon	C %	0.010 max.
Silicon	Si %	0.080 max.
Manganese	Mn %	0.500 max.
Copper	Cu %	0.300 - 1.900
Sulphur	S %	0.010 max.
Chromium	Cr %	22.000 - 24.000
Phosphorus	P %	0.025 max.
Molybdenum	Mo %	15.000 - 17.000
Cobalt	Co %	2.000 max.
Iron	Fe %	3.000 max.
Aluminium	Al %	0.500 max.
Nickel	Ni %	Balance
-	-	-
-	-	-
-	-	-

Heat Treatment	
As-Cast or Annealing or Age Hardning	

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	-

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 619 N06200	ASTM	USA	Pipe
B 622 N06200	ASTM	USA	Pipe and Tube
B 626 N06200	ASTM	USA	Tube
B 472 N06200	ASTM	USA	Billets and Bars

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