

Material - ASTM B 462 N06022

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 N06022 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			Heat Treatment	
Carbon	C %	0.015 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.080 max.		
Manganese	Mn %	0.500 max.		
Cobalt	Co %	2.500 max.		
Sulphur	S %	0.020 max.		
Chromium	Cr %	20.000 - 22.500		
Phosphorus	P %	0.040 max.		
Molybdenum	Mo %	12.500 - 14.500		
Vanadium	V %	0.350 max.	Mechanical Properties	
Tungsten	W %	2.500 - 3.500	Tensile Strength in Mpa	690 min.
Iron	Fe %	2.000 - 6.000	Yield Strength in Mpa	310 min.
Nickel	Ni %	Balance	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 576 N06022	ASTM	USA	Forging
B 574 N06022	ASTM	USA	Rod
B 575 N06022	ASTM	USA	Plate, Sheet and Strip
B 619 N06022	ASTM	USA	Pipe
B 622 N06022	ASTM	USA	Pipe and Tube
B 626 N06022	ASTM	USA	Tube
N06022	UNS	USA	Wire

Further any inquiry to discuss with Gravity Cast Pvt Ltd – Gravity Group of Companies team member Call

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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