

Material - ASTM B 462 N06035

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 N06035 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 %	0.050 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.600 max.		
Manganese	Mn %	0.500 max.		
Copper	Cu %	0.300 max.		
Sulphur	S %	0.015 max.		
Chromium	Cr %	32.250 - 34.250		
Aluminium	Al %	0.400 max.		
Iron	Fe %	2.000 max.	Mechanical Properties Tensile Strength in Mpa 586 min. Yield Strength in Mpa 241 min. Elongation in % 30 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
Cobalt	Co %	1.000 max.		
Phosphorus	P %	0.030 max.		
Molybdenum	Mo %	7.600 - 9.000		
Tungsten	W %	0.600 max.		
Vanadium	V %	0.200 max.		
Nickel	Ni %	Balance		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 564 N06035	ASTM	USA	Forging
B 574 N06035	ASTM	USA	Rod
B 575 N06035	ASTM	USA	Plate, Sheet and Strip
B 619 N06035	ASTM	USA	Pipe
B 622 N06035	ASTM	USA	Pipe and Tube
B 626 N06035	ASTM	USA	Tube
B 472 N06035	ASTM	USA	Billets and Bars

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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