

Material - ASTM B 575 N06035

Standard Specification for Low-Carbon Nickel-Chromium-Molybdenum, Alloy Plate, Sheet and Strip

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 575 N06035 Low-Carbon Nickel-Chromium-Molybdenum, Alloy Plate, Sheet and Strip

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

Grade Belongs to the Industry - Plate, Sheet and Strip

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.		
Chromium	Cr %	32.250 - 34.250		
Sulphur	S %	0.015 max.		
Molybdenum	Mo %	7.600 - 9.000		
Phosphorus	P %	0.030 max.		
Tungsten	W %	0.600 max.		
Iron	Fe %	2.000 max.	Mechanical Properties	
Cobalt	Co %	1.000 max.	Tensile Strength in Mpa	586 min.
Aluminium	Al %	0.400 max.	Yield Strength in Mpa	241 min.
Copper	Cu %	0.300 max.	Elongation in %	30 min.
Vanadium	V %	0.200 max.	Reduction of Area in %	-
Nickel	Ni %	Balance	Hardness in HRC	100 max.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 564 N06035	ASTM	USA	Forging
B 574 N06035	ASTM	USA	Rod
B 462 N06035	ASTM	USA	Pipe Flanges, Forged Fittings and Valve
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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