Material - ASME SB-575 N06044

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

Group - Non-Ferrous Nickel Alloys
Sub Group - ASME SB-575 N06044 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		
Carbon	C %	0.020 max.
Silicon	Si %	0.200 max.
Manganese	Mn %	0.070 - 0.300
Copper	Cu %	0.300 max.
Chromium	Cr %	43.500 - 45.3000
Sulphur	S %	0.020 max.
Molybdenum	Mo %	0.800 - 1.200
Phosphorus	P %	0.020 max.
Titanium	Ti %	0.100 - 0.300
Iron	Fe %	0.300 max.
Aluminium	Al %	0.300 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 %	30 min.
Reduction of Area in %	-
Hardness in HRC	100 max.
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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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