Material - DIN VDM alloy 602 CA

Standard Specification for Nickel and Nickel Alloy Strip and Sheet
Group - Non-Ferrous Nickel Alloys
Sub Group - DIN VDM alloy 602 CA Nickel and Nickel Alloy Strip and Sheet
Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries
Grade Belongs to the Industry - Strip and Sheet

Chemical Composition			Heat Treatment	
Carbon	C %	0.150 - 0.250	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.500 max.		
Manganese	Mn %	0.500 max.		
Chromium	Cr %	24.000 - 26.000		
Aluminium	Al %	1.800 - 2.400		
Copper	Cu %	0.100 max.		
Iron	Fe %	8.000 - 11.000		
Phosphorus	P %	0.020 max.		
Sulphur	S %	0.010 max.	**Mechanical Properties**	
Titanium	Ti %	0.100 - 0.200	Tensile Strength in Mpa	675 min.
Yttrium	Y %	0.050 - 0.120	Yield Strength in Mpa	270 min.
Zirconium	Zr %	0.010 - 0.100	Elongation in %	30 min.
Nickel	Ni %	Balance	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
2.4633	DIN	Germany	Strip and Sheet
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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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