GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - KS D 3698 STS836L

Standard Specification for Cold-Rolled Stainless Steel Sheet and Strip

Group - Ferrous Stainless Steel Alloys

Sub Group - KS D 3698 STS836L Cold-Rolled Stainless Steel Sheet and Strip

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

Grade Belongs to the Industry - Sheet and Strip

Chemical Composition		
Carbon	C %	0.030 max.
Silicon	Si %	1.000 max.
Manganese	Mn %	2.000 max.
Phosphorus	P %	0.045 max.
Sulphur	S %	0.030 max.
Nickel	Ni %	24.000 - 26.000
Chromium	Cr %	19.000 - 24.000
Molybdenum	Mo %	5.000 - 7.000
Nitrogen	N %	0.250 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Solution Annealing

Mechanical Properties	
Tensile Strength in Mpa	640 min.
Yield Strength in Mpa	275 min.
Elongation in %	40 min.
Reduction of Area in %	-
Hardness in HB	217 max.
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
D 3576 STS 836LTP	KS	Korea	Steel and Pipe
G 4304 SUS 836L	JIS	Japan	Plate, Sheet and Strip
G 4303 SUS 836L	JIS	Japan	Steel and Bars
G 3459 SUS 836 LTP	JIS	Japan	Steel and Pipe
G 3643 SUS 836 LTB	JIS	Japan	Steel and Tubing
10250-4 1.4529	EN	European Union	Steel
10028-7 1.4529	EN	European Union	Steel

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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