GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - KS D 3698 STS316L

Standard Specification for Cold-Rolled Stainless Steel Sheet and Strip

Group - Ferrous Stainless Steel Alloys

Sub Group - KS D 3698 STS316L 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 %	12.000 - 15.000
Chromium	Cr %	16.000 - 18.000
Molybdenum	Mo %	2.000 - 3.000
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Solution Annealing

Mechanical Properties	
Tensile Strength in Mpa	480 min.
Yield Strength in Mpa	175 min.
Elongation in %	40 min.
Reduction of Area in %	-
Hardness in HB	187 max.
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
6738 000 Ch 17 N 14 M 2	BDS	Bulgaria	Steel
86020 OO H 17 N 14 M 2	PN	Poland	Steel
D 3703 STS 316L	KS	Korea	Steel and Wire
D 3702 STS 316L	KS	Korea	Steel, Wire and Rod
G 4319 SUS 316 LFB	JIS	Japan	Steel and Forging
G 4317 SUS 316L	JIS	Japan	Steel
G 3214 SUS F 316L	JIS	Japan	Steel and Forging

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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