GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - KS D 3698 STS317J2

Standard Specification for Cold-Rolled Stainless Steel Sheet and Strip

Group - Ferrous Stainless Steel Alloys

Sub Group - KS D 3698 STS317J2 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 %	0.060 max.
Silicon	Si %	1.500 max.
Manganese	Mn %	2.000 max.
Phosphorus	P %	0.045 max.
Sulphur	S %	0.030 max.
Nickel	Ni %	12.000 - 16.000
Chromium	Cr %	23.000 - 26.000
Molybdenum	Mo %	0.500 - 1.200
Nitrogen	N %	0.250 - 0.400
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Solution Annealing

Mechanical Properties	
Tensile Strength in Mpa	690 min.
Yield Strength in Mpa	345 min.
Elongation in %	40 min.
Reduction of Area in %	-
Hardness in HB	250 max.
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
G 4304 SUS 317 J2	JIS	Japan	Plate, Sheet and Strip
G 4305 SUS 317 J2	JIS	Japan	Plate, Sheet and Strip
AMS-QQ-S-763 309	SAE	USA	Bars, Wire, Shapes and Forging
2901-2 311 S 94	B.S.	United Kingdom	Rods and Wire
S30983	UNS	USA	Steel
G 5122 SCH 13A	JIS	Japan	Casting
A 608 Grade HH 33	ASTM	USA	Steel and Tubing

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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