GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASME SA-479 Type 904L

Standard Specification for Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels

Group - Ferrous Stainless Steel Alloys

Sub Group - ASME SA-479 Type 904L Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels

Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries
Grade Belongs to the Industry - Bars and Shapes

Chemical Composition		
Carbon	C %	0.020 max.
Manganese	Mn %	2.000 max.
Phosphorus	P %	0.045 max.
Sulphur	S %	0.035 max.
Silicon	Si %	1.000 max.
Chromium	Cr %	19.000 - 23.000
Nickel	Ni %	23.000 - 28.000
Nitrogen	N %	0.100 max.
Molybdenum	Mo %	4.000 - 5.000
Copper	Cu %	1.000 - 2.000
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Annealing

Mechanical Properties	
Tensile Strength in Mpa	490 min.
Yield Strength in Mpa	220 min.
Elongation in %	35 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
N08904	UNS	USA	Steel
3583 2 CuMoCrNi 250	STAS	Romania	Steel
J 405 904L	SAE	USA	Steel
3698 STS 890L	KS	Korea	Plate, Sheet and Strip
G 3463 SUS 890 LTB	JIS	Japan	Steel
G 3459 SUS 890 LTP	JIS	Japan	Steel and Pipe
G 4305 SUS 890L	JIS	Japan	Plate, Sheet and Strip

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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