GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS 1554 22.8.3.L

Standard Specification for Stainless and Heat-resisting Steel Round Wire

Group - Ferrous Stainless Steel Alloys

Sub Group - BS 1554 22.8.3.L Stainless and Heat-resisting Steel Round Wire

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

Grade Belongs to the Industry - Steel and Round Wire

Chemical Composition		
Carbon	C %	0.030 max.
Silicon	Si %	1.000 max.
Manganese	Mn %	2.000 max.
Sulphur	S %	0.030 max.
Phosphorus	P %	0.045 max.
Chromium	Cr %	21.500 - 23.500
Nickel	Ni %	7.000 - 9.000
Molybdenum	Mo %	2.800 - 3.800
Nitrogen	N %	0.070 - 0.150
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Soft Annealing

Mechanical Properties	
Tensile Strength in Mpa	960 min.
Yield Strength in Mpa	-
Elongation in %	-
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**
S39209	UNS	USA	Steel
Z 5 CND 20.8 M	AFNOR NF	France	Steel and Casting
1.4463	DIN	Germany	Steel and Casting
GX 6 CrNiMo 24-8-2	DIN	Germany	Steel and Casting
G 4304 SUS 329J 3L	JIS	Japan	Plate, Sheet and Strip
G 4303 SUS 329J 3L	JIS	Japan	Steel and Bars
142377 2377	SS	Sweden	Casting

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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