GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 10088-1 1.4877 (X6NiCrNbCe32-27)

Standard Specification for Stainless Steel

Group - Ferrous Stainless Steel Alloys

Sub Group - BS EN 10088-1 1.4877 (X6NiCrNbCe32-27) Stainless Steel

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

Grade Belongs to the Industry - Steel

Chemical Composition		
Carbon	C %	0.040 - 0.080
Silicon	Si %	0.300 max.
Manganese	Mn %	1.000 max.
Phosphorus	P %	0.020 max.
Sulphur	S %	0.010 max.
Chromium	Cr %	26.000 - 28.000
Nickel	Ni %	31.000 - 33.000
Nitrogen	N %	0.100 max.
Aluminium	Al %	0.025 max.
Cerium	Ce %	0.050 - 0.100
Niobium	Nb %	0.600 - 1.000
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Solution Annealing

Mechanical Properties	
Tensile Strength in Mpa	-
Proof Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HRB	-
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
S33228	UNS	USA	Steel
A 182 F 56	ASTM	USA	Steel and Pipe
A 479 S33228	ASTM	USA	Steel and Bars
A 403 WP S33228	ASTM	USA	Steel
SA-182 F56	ASME	USA	Steel and Pipe
SA-240 UNS S33228	ASME	USA	Steel
SA-479 UNS S33228	ASME	USA	Steel and Bars

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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