GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - UNI G X 40 CrNi 26-20

Standard Specification for Austenitic Stainless Steel, Heat Resisting Steel and Alloy Sand

Group - Ferrous Stainless Steel Alloys

Sub Group - UNI G X 40 CrNi 26-20 Austenitic Stainless Steel, Heat Resisting Steel and Alloy Sand Castings

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

Grade Belongs to the Industry - Casting

Chemical Composition		
Carbon	C %	0.200 - 0.600
Silicon	Si %	2.500 max.
Manganese	Mn %	2.000 max.
Phosphorus	P %	0.040 max.
Sulphur	S %	0.035 max.
Chromium	Cr %	24.000 - 28.000
Nickel	Ni %	18.000 - 22.000
Molybdenum	Mo %	0.500 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Solution Annealing

Mechanical Properties	
Tensile Strength in Mpa	440 min.
Yield Strength in Mpa	240 min.
Elongation in %	10 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
A351 HK30	ASTM	USA	Casting
SA 351 HK30	ASME	USA	Casting
310 C40	BS	British	Casting
F.8452	UNE	Spain	Casting
A608 HK30	ASTM	USA	Casting
422952	CSN	Czech Republic	Casting
393 G-X 40 CrNi 25 20	SFS	Finland	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