GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM A269 S30600

Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service

Group - Ferrous Stainless Steel Alloys
Sub Group - ASTM A269 S30600 Seamless and Welded Austenitic Stainless Steel Tubing for General Service
Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries
Grade Belongs to the Industry - Steel and Tubing

Chemical Composition		
Carbon	C %	0.018 max.
Manganese	Mn %	2.000 max.
Phosphorus	P %	0.020 max.
Sulphur	S %	0.020 max.
Silicon	Si %	3.700 - 4.300
Nickel	Ni %	14.000 - 15.500
Chromium	Cr %	17.000 - 18.500
Molybdenum	Mo %	0.200 max.
Copper	Cu %	0.500 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Solution Annealing

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HB	-
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
SA-479 UNS S30600	ASME	USA	Steel
A 959 S30600	ASTM	USA	Steel
A 358 S30600	ASTM	USA	Steel and Pipe
A 182 F 46	ASTM	USA	Steel and Pipe
A 336 Grade F46	ASTM	USA	Steel and Forging
A 312 S30600	ASTM	USA	Steel and Pipe
A 240 S30600	ASTM	USA	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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.