

Material: ASME SA-249 UNS S30615

Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications

Group: Ferrous Stainless Steel Alloys

Sub Group: ASME SA-249 UNS S30615 Chromium and Chromium-Nickel Stainless Steel for Pressure Vessels and for General Applications

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

Grade Belongs to the Industry: Steel and Tube

Chemical Composition		
Carbon	C %	0.160 - 0.240
Silicon	Si %	3.200 - 4.000
Manganese	Mn %	2.000 max.
Phosphorus	P %	0.030 max.
Sulphur	S %	0.030 max.
Chromium	Cr %	17.000 - 19.500
Nickel	Ni %	13.500 - 16.000
Aluminium	Al %	0.800 - 1.500
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
	Solution Annealing

Mechanical Properties	
Tensile Strength in Mpa	620 min.
Yield Strength in Mpa	275 min.
Elongation in %	35 min.
Reduction of Area in %	-
Hardness in HRB	95 max.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
A240 UNS S30615	ASTM	USA	Steel, Plate, Sheet and Strip
S30615	UNS	USA	Steel
A213 S30615	ASTM	USA	Steel and Tube
A249 S30615	ASTM	USA	Steel and Tube
A312 S30615	ASTM	USA	Steel and Pipe
A959 S30615	ASTM	USA	Steel
SA-312 UNS S30615	ASME	USA	Steel and Pipe

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India