

SS 316N, Type 316N, UNS S31651, AISI 316N, ASTM 316N, Grade 316N

Introduction :

Aesteiron continues to expand its product line in UNS S31651 to meet the emerging customer needs, and whereas Aesteiron Steels Pvt. Ltd. is ISO 9001 : 2008 Certified, ASPL has a great Projects in this grade in all parts of the world with renowned suppliers presenting the wide range of services. We pride ourselves in the quality of our products, our competitive pricing and our exceptional customer service. We have been recognized for our outstanding customer service in satisfaction surveys of top- ranked mills in india and all over the world. ASPL, with iron and steel as its main business, manufactures premium steel products with high technologies and a high added value and fosters three major product categories, namely carbon steel, stainless steel and special steel. Through our worldwide marketing network, these premium products not only satisfy the demand on the domestic market but are also exported to more than forty countries and regions in Asia, Africa, Europa and America, extensively applied to various. We are a highly qualified by our customers worldwide as a sustainable and trustworthy to meet their request and need at the right time and the right area. We strive and stand committed to maintain this respectable position by catering to the requirements of our customers in the best possible way leaving no room for complaints.

Products Available

in forms :

- SS 316N, Type 316N, UNS S31651, AISI 316N Plates
- SS 316N, Type 316N, UNS S31651, AISI 316N Pipes
- SS 316N, Type 316N, UNS S31651, AISI 316N Round Bar
- SS 316N, Type 316N, UNS S31651, AISI 316N Tube
- SS 316N, Type 316N, UNS S31651, AISI 316N Flanges
- SS 316N, Type 316N, UNS S31651, AISI 316N Wire
- SS 316N, Type 316N, UNS S31651, AISI 316N Fittings

Chemical Composition

	TYPE 316N	UNS S31651	AISI 316N	ASTM 316N	GRADE 316N
Carbon	0.08 max	0.08 max	0.08 max	0.08 max	0.08 max
Manganese	2.00 max	2.00 max	2.00 max	2.00 max	2.00 max
Phosphorus	0.045 max	0.045 max	0.045 max	0.045 max	0.045 max
Sulfur	0.030 max	0.030 max	0.030 max	0.030 max	0.030 max
Silicon	1.00 max	0.75 max	0.75 max	0.75 max	0.75 max
Chromium	16.0-18.0	16.0-18.0	16.0-18.0	16.0-18.0	16.0-18.0
Nickel	10.0-14.0	10.0-14.0	10.0-14.0	10.0-14.0	10.0-14.0
Nitrogen*	0.10-0.16	0.10-0.16	0.10-0.16	0.10-0.16	0.10-0.16
Molybdenum	2.0-3.0	2.0-3.0	2.0-3.0	2.0-3.0	2.0-3.0
Copper	-	-	-	-	-

Standard Available

in forms :

- ASTM A182/ ASME SA182 Stainless Steel Pipe Fittings
- ASTM A213 / ASME SA213 Seamless Stainless Steel Pipes
- ASTM A240/ ASME SA240 Stainless Steels Sheets / Plates
- ASTM A249/ ASME SA249 Stainless Steel Welded Tubes
- ASTM A269/ ASME SA269 Stainless Steel Tubes
- ASTM A270/ ASME SA270 Stainless Steel Sanitary Tubes
- ASTM A312/ ASME SA312 Stainless Steel Pipes
- ASTM A403/ ASME SA403 Stainless Steel Pipe Fittings
- ASTM A554/ ASME SA554 Stainless Steel Welded Tubes
- ASTM A731/ ASME SA731 Stainless Steel Pipes
- ASTM A789/ ASME SA789 Stainless Steel Tubes
- ASTM A790/ ASME SA790 Stainless Steel Pipes
- ASTM A791/ ASME SA791 Stainless Steel Tubes

Mechanical Properties

	TYPE 316N	UNS S31651	AISI 316N	ASTM 316N	GRADE 316N
Tensile Strength, Mpa	550	550	550	550	550
Yield Strength, Mpa	240	240	240	240	240
Elongation in 2"(50mm) %	35	35	35	35	35
Reduction in Area, %	-	-	-	-	-
Hardness, Rockwell B	95	95	95	95	95



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