

WNR 1.4335, UNS S31002

Introduction :

Aesteiron continues to expand its product line in UNS S31002 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 trustwothy to meet their request and need at the right time and 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 :

- WNR 1.4335, UNS S31002 Plates
- WNR 1.4335, UNS S31002 Pipes
- WNR 1.4335, UNS S31002 Round Bar
- WNR 1.4335, UNS S31002 Tube
- WNR 1.4335, UNS S31002 Flanges
- WNR 1.4335, UNS S31002 Wire
- WNR 1.4335, UNS S31002 Fittings

Chemical Composition

	WNR 1.4335	UNS S31002
Carbon	0.015 max	0.015 max
Manganese	2.00 max	2.00 max
Phosphorus	0.020 max	0.020 max
Sulfur	0.015 max	0.015 max
Silicon	0.15 max	0.15 max
Chromium	24.0-26.0	24.0-26.0
Nickel	0.10 max	0.10 max
Nitrogen*	0.10 max	0.10 max
Molybdenum	0.10 max	0.10 max
Copper	-	-

Standard Available

in forms :

- ASTM A716 / ASME SA716
- ASTM A213 / ASME SA213
- ASTM A276 / ASME SA276
- ASTM A312 / ASME SA312
- ASTM A580 / ASME SA580
- ASTM A632 / ASME SA632
- ASTM A959 / ASME SA959

Mechanical Properties

	WNR 1.4335	UNS S31002
Ultimate Tensile Strength, Mpa	500-670	500-670
0.2% Yield Strength, Mpa	240 min	240 min
Elongation in 2 inches, %	35 min	35 min
Reduction in Area, %	-	-
Hardness (HBW)	155 max	155 max

Grade is characterized by:

- Excellent resistance to corrosion in nitric acid
- Excellent resistance to intergranular corrosion
- Good resistance to pitting
- Good weldability



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