

ALLOY 3Re60, UNS S31500

Introduction :

Aesteiron continues to expand its product line in UNS S31500 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 :

- ALLOY 3Re60, UNS S31500 Plates
- ALLOY 3Re60, UNS S31500 Pipes
- ALLOY 3Re60, UNS S31500 Round Bar
- ALLOY 3Re60, UNS S31500 Tube
- ALLOY 3Re60, UNS S31500 Flanges
- ALLOY 3Re60, UNS S31500 Wire
- ALLOY 3Re60, UNS S31500 Fittings

Chemical Composition

	ALLOY 3Re60	UNS S31500
Carbon	0.030max	0.030max
Manganese	1.50max	1.50max
Phosphorus	0.030max	0.030max
Sulfur	0.015max	0.015max
Iron	71.2max	71.2max
Chromium	18.5max	18.5max
Nickel	4.50max	4.50max
Molybdenum	2.60max	2.60max
Silicon	1.60max	1.60max
Nitrogen	0.070max	0.070max

Standard Available

in forms :

- ASTM A789 / ASME SA789
- ASTM A182 / ASME SA182
- ASTM A791 / ASME SA791
- ASTM A790 / ASME SA790
- DIN 1.4417

Mechanical Properties

	ALLOY 3Re60	UNS S31500
Tensile Strength,(Mpa)psi	(700-800) 102000-128000	(700-800) 102000-128000
0.2% Yield Strength(Mpa)psi, max	450(65300)	450(65300)
Elongation %	30	30
Reduction in Area, %	-	-
Hardness, Rockwell C	28max	28max

Applications:

- Fertilizer
- Paper making
- Petroleum
- Chemical industry
- Heat exchanger

• Condenser



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