

# UNS S18235

## Introduction :

Aesteiron continues to expand its product line in UNS S18235 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 highly qualified by our customers worldwide as a sustainable and trustworthy 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 Chemical Composition

### in forms :

- UNS S18235 Plates
- UNS S18235 Pipes
- UNS S18235 Round Bar
- UNS S18235 Tube
- UNS S18235 Flanges
- UNS S18235 Wire
- UNS S18235 Fittings

|            | UNS S18235                    |
|------------|-------------------------------|
| Carbon     | 0.025 max                     |
| Manganese  | 0.50max                       |
| Phosphorus | 0.040max                      |
| Sulfur     | 0.15-0.35                     |
| Silicon    | 1.00max                       |
| Chromium   | 17.5-18.5                     |
| Nickel     | 1.00max                       |
| Molybdenum | 2.00-2.50                     |
| Others     | Ti 0.30-1.00, C+N<br>0.035max |

## Standard Available Mechanical Properties

### in forms :

- ASTM A581 / ASME SA581
- ASTM A582 / ASME SA582
- ASTM A959 / ASME SA959

|                                 | UNS S18235 |
|---------------------------------|------------|
| Ultimate Tensile Strength, ksi  | 133 min    |
| 0.2% Offset Yield Strength, ksi | 142 min    |
| Elongation in 2 inches, %       | 24 min     |
| Reduction in Area, %            | -          |
| Hardness, Rockwell B            | -          |



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