

## AISI 201 Stainless Steel Sheet Plate

### General Characteristics:

201 type steels are lean nickel alloy austenitic stainless steel designed as a cost-effective solution for 301 grades in various applications.

### SS 201 Sheet Plate Mechanical Properties:

Mechanical properties	Grade	UTS (MPa)	YS (MPa)	%EL	Hardness
201-1* ASTM A240	S20100	515	260	40	95
201-2* ASTM A240		655	310	40	100
ASTM A240	S20103	655	260	45	95
ASTM A240	S20153	655	310	45	100

### SS 201 Sheet Plate Chemical Properties:

Designation		%C	%Mn	%S	%P	%Si	%Ni	%Cr	%Cu	%N
S20100	Min	--	5.50	--	--	--	3.5	16.0	--	--
	Max	0.015	7.50	0.030	0.060	1.00	5.5	18.0	--	0.25
S20103	Min	--	5.50	--	--	--	3.5	16.0	--	--
	Max	0.030	7.50	0.030	0.045	0.75	5.5	18.0	--	0.25
S20153	Min	--	6.40	--	--	--	4.0	16.0	--	0.10
	Max	0.015	7.50	0.015	0.045	0.75	5.0	17.5	--	0.25

## 201LN Mechanical Properties of Different Tempers:

201LN can be provided in different tempers. The feasibility is subject to customer requirements.

## Products available:

Hot rolled and Cold Rolled coils and sheets.

## Applications:

- **201** - Structural members, siding and roofing for railway cars and trailers and a variety of severely formed parts.
- **201L** - Low temperature components, heavy section services, Pots, Pans, Flatware, Counters, Counters, Sinks, Appliance components, Dishwashers, Ovens, Refrigerators, Hinges, Doors, Frames, Roll formed sections, Spring clips
- **201LN** - Welded constructions, structural uses and low temperature applications - Examples include sides & roofs of trains, liquefied gas storage vessels, structural members/chassis of railway rolling stock, trucks & trailers, coal handling equipment.

## Corrosion Resistance:

201 grades have comparable corrosion resistance to 301 grades.

*For more details visit : [Stainless Steel 201 Sheets Plate Stockist](#)*

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