

AISI 201 Stainless Steel Sheet Plate

General Characteristics:

ASTM A240 grade 201 stainless steels are lean nickel alloy austenitic stainless steels meant to provide a cost-effective alternative to 301 grades in a variety of applications.

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

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

**201-1 and 201-2 represent the rich and lean types of 201 respectively.*

Corrosion Resistance:

201 grades have comparable corrosion resistance to 301 grades.

Products available:

Hot Rolled Plates & Coil, Cold Rolled Coil & 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, 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.

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

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