

301LN – IS 6911: 2017 – Technical Datasheet

1. Chemical & Mechanical Properties (Annealed, CR)

Property	Value
C (%)	≤0.03
Mn (%)	5.50–7.50
Si (%)	≤1.00
P (%)	≤0.045
S (%)	≤0.030
Cr (%)	16.0–18.0
Ni (%)	6.0–8.0
Mo (%)	—
N (%)	0.10–0.20
UTS (MPa min)	515
YS 0.2% (MPa min)	205
El (%) min	40

2. Equivalent / Alternative Grades

Grade	Standard	UNS	EN	JIS
301LN	ASTM A240 / EN 10088 / JIS G 4305	S30153	1.4318	SUS301LN

3. Common Applications

- Automotive trim
- Kitchenware
- Chemical vessels

4. Standard Conformance

Cold-rolled stainless-steel sheet/strip conforming to IS 6911 : 2017.

5. Disclaimer

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