

# 441 – IS 6911: 2017-Technical Datasheet

## 1. Chemical & Mechanical Properties (Annealed, CR Sheet)

Property	Value
C (%)	≤0.03
Mn (%)	≤1.00
Si (%)	≤1.00
P (%)	≤0.040
S (%)	≤0.030
Cr (%)	17.5–18.5
Ni (%)	≤0.60
Mo (%)	—
N (%)	—
<b>Ti (%)</b>	0.15–0.60
Nb(%)	≤0.030
UTS (MPa min)	515
YS 0.2% (MPa min)	205
El (%) min	40

2.

## Equivalent / Alternative Grades

Grade	Standard	UNS	EN	JIS
<b>441</b>	ASTM A240 / EN 10088 / JIS G 4305	S44100	1.4509	SUS441

## 3. Common Applications

- Automotive trim
- Furnace parts
- Flue gas components

## 4. Standard Conformance

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

## 5. Disclaimer

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