

904L – IS 6911: 2017-Technical Datasheet

1. Chemical & Mechanical Properties (Annealed, CR)

Property	Value
C (%)	≤0.020
Mn (%)	≤2.00
Si (%)	≤1.00
P (%)	≤0.035
S (%)	≤0.030
Cr (%)	19.0–23.0
Ni (%)	23.0–28.0
Mo (%)	4.0–5.0
Cu (%)	1.0–2.0
N (%)	≤0.10
UTS (MPa min)	515
YS 0.2% (MPa min)	205
El (%) min	40

2. Equivalent / Alternative Grades

Grade	Standard	UNS	EN	JIS
904L	ASTM A240 / EN 10088 / JIS G 4305	N08904	1.4539	SUS890L

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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