

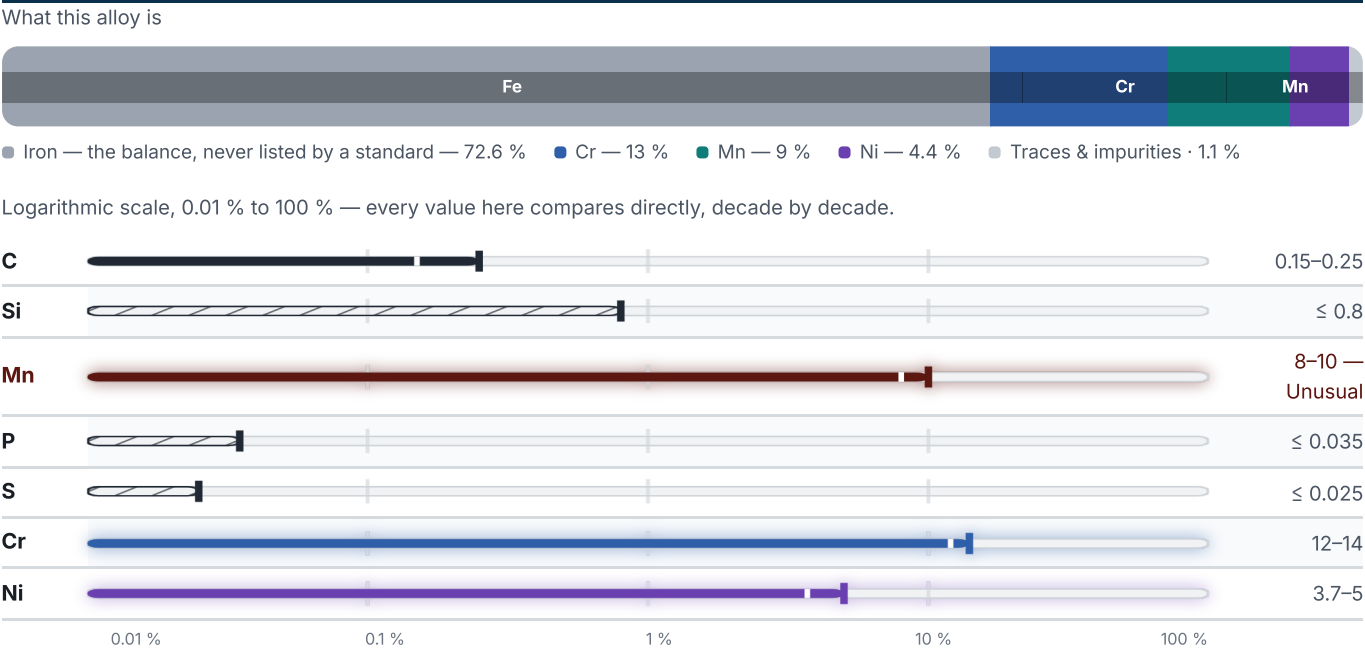
20Cr13Mn9Ni4

Chemical composition, mechanical and physical property values, and 1 standard designations from 1 regions.

ELASTIC MODULUS 202 GPa	OTHER DESIGNATIONS 1 in 1 regions	PROPERTY VALUES 9 on file
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Chemical composition

Mass fraction in %



The scale is logarithmic, not the element's raw share of the alloy — the only honest way to fit 0.01 % and 100 % in one picture, and it means every value here can be compared with every other.

Predicted transformation temperatures

Not enough recorded composition to predict a transformation temperature for this grade — missing: Mo.

Physical properties

2 values

CONDITION · DIMENSION	CP J/(kg·K)
500	490

PROPERTY	VALUE	UNIT
Elastic modulus	202	GPa
Electrical resistivity	900	nΩ·m

Heat treatment

1 regimes

STEP	TEMPERATURE	MEDIUM
source joins the operations with (or)		
Quenching	Temperature not stated	—
Solution annealing	1050–1120 °C	—

Designations across standards

1 designations · 1 documented as identical

China	1
20Cr13Mn9Ni4 This grade's own name	gb

Note on use. The data is compiled to the best of our knowledge from publicly available standards and manufacturer documentation. It replaces neither material testing nor an inspection document to EN 10204. Please request a mill certificate to EN 10204 2.1, 3.1 or 3.2 together with your enquiry. The standard in its current valid edition always prevails.

Enquiry about 20Cr13Mn9Ni4

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Quotation, availability, mill certificate or a technical question — directly on the material page.

DATASHEET ONLINE

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MATERIAL NO.

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ISSUED

Aug 15, 2026