

MATERIAL NUMBER 1.0619 · CLASS 1.0

GS-C25N

Material no. 1.0619

also listed as GP 240 GH

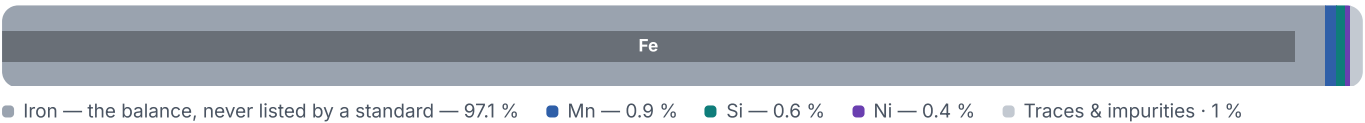
Chemical composition, mechanical and physical property values, and 5 standard designations from 3 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 5 in 3 regions	PROPERTY VALUES 11 on file
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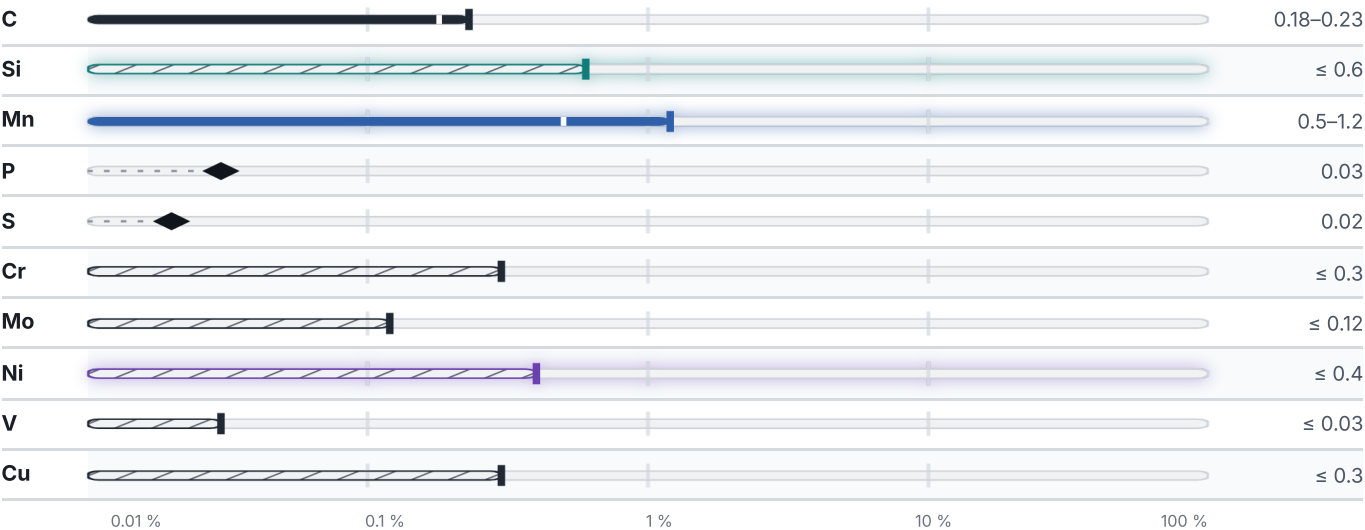
Chemical composition

Mass fraction in %

What this alloy is



Logarithmic scale, 0.01 % to 100 % — every value here compares directly, decade by decade.



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

computed from composition · °C

PREDICTED AE3 816 °C	PREDICTED AE1 721 °C	PREDICTED ACM 460 °C	PREDICTED BS 561 °C
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Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

5 designations · 3 documented as identical

Europe	3	United States	1
GP 240 GH This grade's own name	din-en	J03002 This grade's own name	uns
GS-C25 This grade's own name	din-en		
GS-C25N	din-en	China	1
		ZG230-450	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 GS-C25N

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

[Start an enquiry](#)

DATASHEET ONLINE

View the material page

GRADE SEARCH

Search all grades

MATERIAL NO.

1.0619

ISSUED

Aug 20, 2026