

MATERIAL NUMBER 1.1183 · CLASS 1.1

C35G

Material no. 1.1183

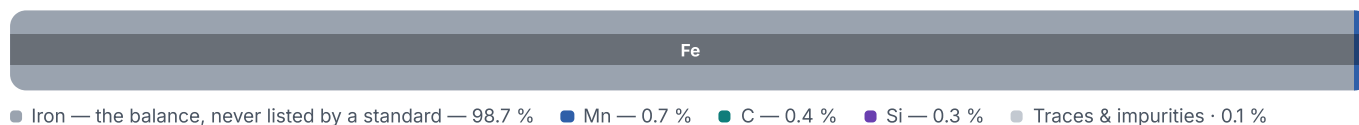
Chemical composition, mechanical and physical property values, and 10 standard designations from 8 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm ³	10 in 8 regions	6 on file

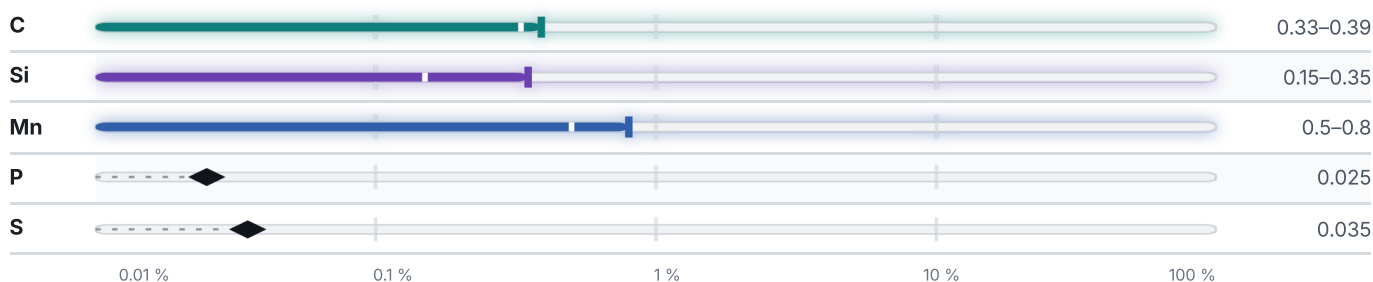
Chemical composition

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

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

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Heat treatment

1 regimes

STEP	TEMPERATURE	MEDIUM
source joins the operations with + / procedural order		
Normalizing	Temperature not stated	—
Quenching	Temperature not stated	—
Tempering	Temperature not stated	—

Designations across standards

10 designations · 2 documented as identical

Europe	3	Japan	1
1.1183	din-en	S35C	jis
C35G This grade's own name	din-en		
Cf 35 This grade's own name	din-en	China	1
		35Mn	gb
United States	1		
1035	aisi-sae	Italy	1
		C36	uni
United Kingdom	1		
060A35	bs	Sweden	1
		1572	ss
France	1		
XC38TS	afnor		

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 C35G

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

Start an enquiry

DATASHEET ONLINE	GRADE SEARCH	MATERIAL NO.	ISSUED
View the material page	Search all grades	1.1183	Aug 20, 2026