

MATERIAL NUMBER 1.1233 · CLASS 1.1

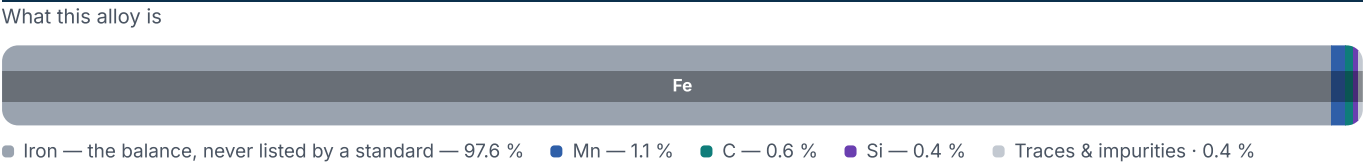
1.1233

Chemical composition, mechanical and physical property values, and 13 standard designations from 7 regions.

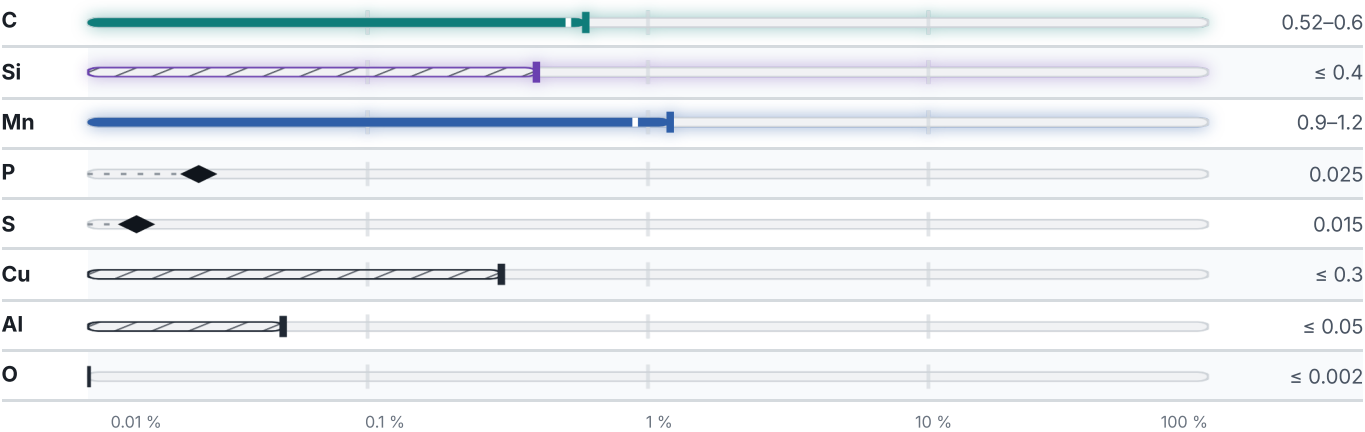
DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 13 in 7 regions	PROPERTY VALUES 9 on file
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Chemical composition

Mass fraction in %



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/cm³

Designations across standards

13 designations · 3 documented as identical

United States6		Europe1	
G10600	This grade's own nameuns	56Mn4	This grade's own namedin-en
1060	This grade's own nameaisi-sae	International1	
1062	aisi-sae	56Mn4iso	
1066	aisi-sae	Czechia1	
1566	aisi-sae	13 180csn	
C1062	aisi-sae	Poland1	
Russia / CIS2		65Gpn	
65G	gost	Romania1	
65GA	gost	65MN10stas	

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 1.1233

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	1.1233	Aug 20, 2026