

MATERIAL NUMBER 1.7366 · CLASS 1.7

1.7366

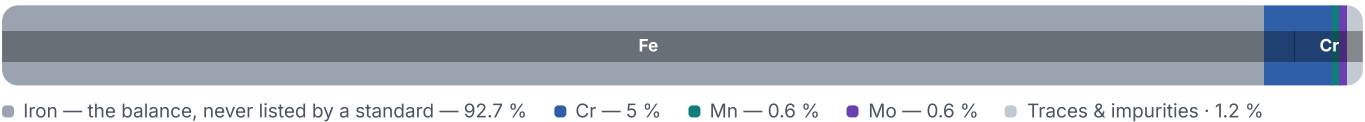
Chemical composition, mechanical and physical property values, and 11 standard designations from 6 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 11 in 6 regions	PROPERTY VALUES 12 on file
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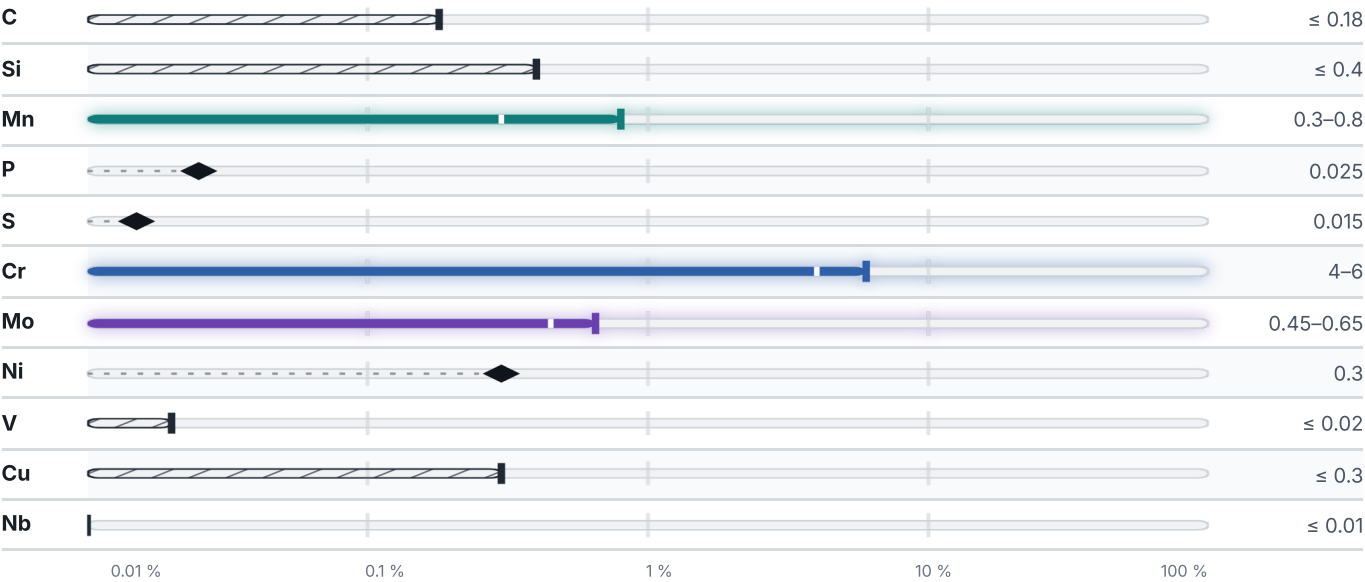
Chemical composition

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

This grade's composition falls outside the published model's validated range (a low-alloy composition window), so no transformation temperature is predicted here.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

11 designations · 2 documented as identical

United States5		Europe1	
K41545	This grade's own nameuns	X16CrMo5-1	This grade's own namedin-en
A182 grade F5	astm	United Kingdom1	
A199 grade T5	astm	625bs	
A200 grade T5	astm	France1	
A213 grade T5	astm	Z10CD5-05afnor	
Russia / CIS2		Poland1	
15Ch5M	gost	H5Mpn	
15Kh5M	gost		

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 1.7366

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	1.7366	Aug 20, 2026