

MATERIAL NUMBER 1.5415 · CLASS 1.5

1.5415

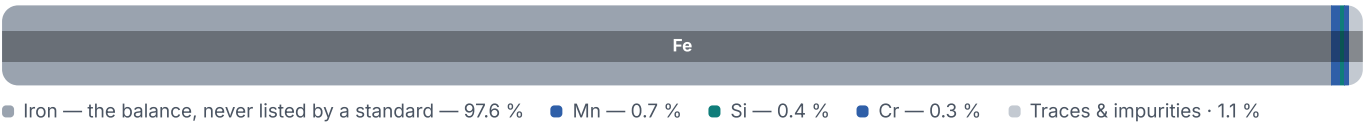
Chemical composition, mechanical and physical property values, and 38 standard designations from 14 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 38 in 14 regions	PROPERTY VALUES 11 on file
--	---	--------------------------------------

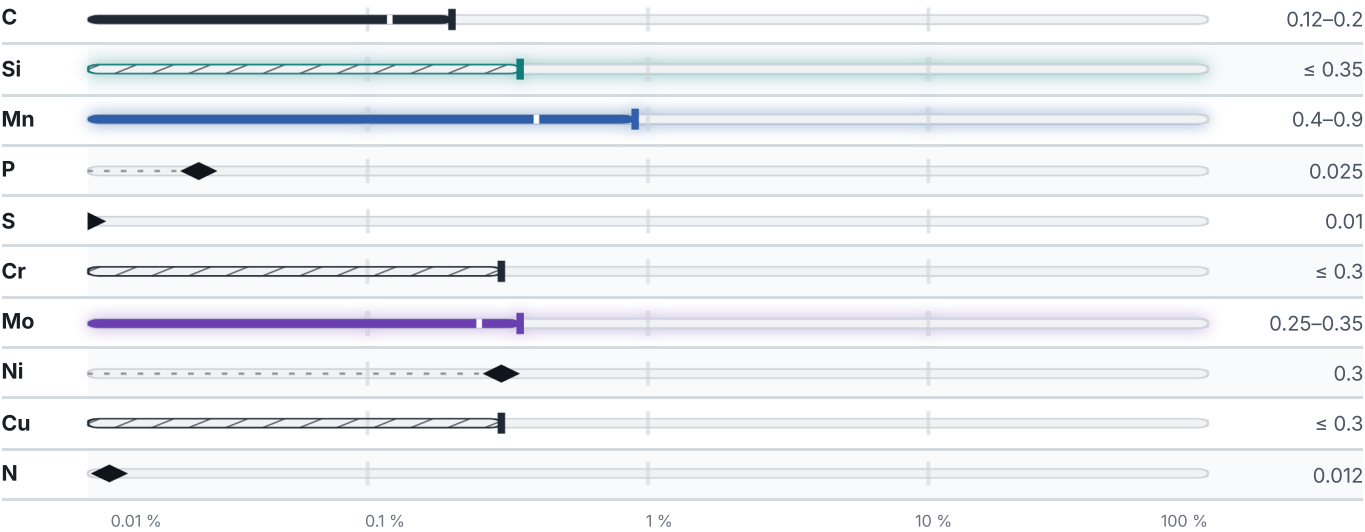
Chemical composition

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

computed from composition · °C

PREDICTED AE3 816 °C	PREDICTED AE1 721 °C	PREDICTED ACM 432 °C	PREDICTED BS 565 °C
--------------------------------	--------------------------------	--------------------------------	-------------------------------

Mechanical properties

18 values across 2 conditions

NORMALIZED	REH N/mm ²	RM N/mm ²	A %
≤ 16	275	–	–
16 – 40	270	–	–
40 – 60	260	–	23
≤ 40	–	–	24
≤ 60	–	440–590	–
60 – 100	240	430–580	22
100 – 150	220	420–570	19
150 – 250	210	410–570	–
QUENCHED AND TEMPERED	REH N/mm ²	RM N/mm ²	
≤ 250	265	440–570	
250 – 500	250	420–550	

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

38 designations · 6 documented as identical

United States12		United Kingdom4	
K11820	This grade's own nameuns	1501-240	bs
K12020	This grade's own nameuns	1503-243B	bs
K12320	This grade's own nameuns	240	bs
K12822	This grade's own nameuns	243	bs
A204 (A)	aisi-sae	Spain3	
A204Gr.A	aisi-sae		
A204Gr.B	aisi-sae		16Mo3une
ASTM A204Gr.A	aisi-sae		F.2601une
A 182 Grade F1	astm	F.2601 -16 Mo 3	une
A 234 Grade WP1	astm	International3	
A 335 Grade P1	astm		
A204	astm		F26iso
Europe4			P26iso
		TS26	iso
1.5415	din-en		
15Mo3	This grade's own namedin-en		
16Mo3	This grade's own namedin-en		
A204Gr.B	din-en		

Italy	3	Czechia	1
15Mo3	uni	15020	csn
16Mo3	uni		
16Mo3KW	uni	Slovakia	1
		15 020	stn
France	2	Poland	1
15D3	afnor	16M	pn
15M03	afnor		
		Serbia	1
Japan	1	Č.7100	srps
STBA12	jis		
		Austria	1
Sweden	1	15Mo3KW	onorm
2912	ss		

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 1.5415

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	1.5415	Aug 20, 2026