

MATERIAL NUMBER 1.5092 · CLASS 1.5

1.5092

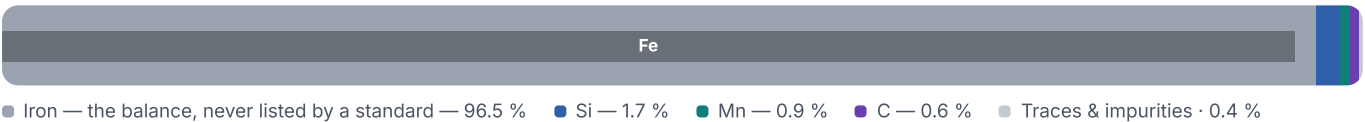
Chemical composition, mechanical and physical property values, and 13 standard designations from 9 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 13 in 9 regions	PROPERTY VALUES 7 on file
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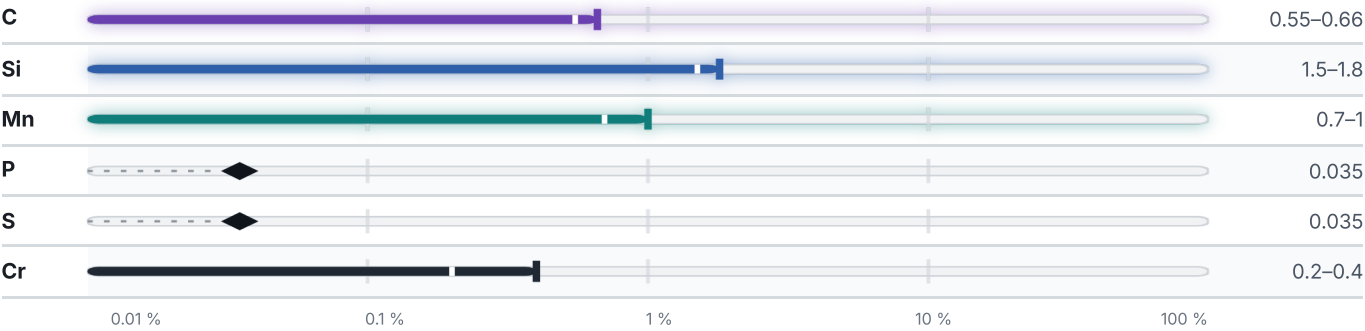
Chemical composition

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

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

Mechanical properties

6 values across 2 conditions

CONDITION · DIMENSION	HB
(without heat treatment) , Rolled stock GOST 14959-79	321

CONDITION · DIMENSION				HB
(heat treatment) , Rolled stock GOST 14959-79				269
QUENCHING 870°C, OIL, DRAWING 470°C	RM N/mm ²	RE N/mm ²	A5 %	Z %
to Ø 80	1471	1324	6	25

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

13 designations · 1 documented as identical

United States	2	Europe	1
9260	aisi-sae	60SiCr7	This grade's own name din-en
G92620	aisi-sae		
United Kingdom	2	France	1
250A58	bs	61SC7	afnor
250A61	bs	Japan	1
		SUP7	jis
Russia / CIS	2	Italy	1
60S2G	gost	60SiCr8	uni
60C2F	gost		
Poland	2	Bulgaria	1
60S2	pn	60S2G	bds
60S2A	pn		

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 1.5092

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	1.5092	Aug 20, 2026