

MATERIAL NUMBER 1.5025 · CLASS 1.5

51Si7

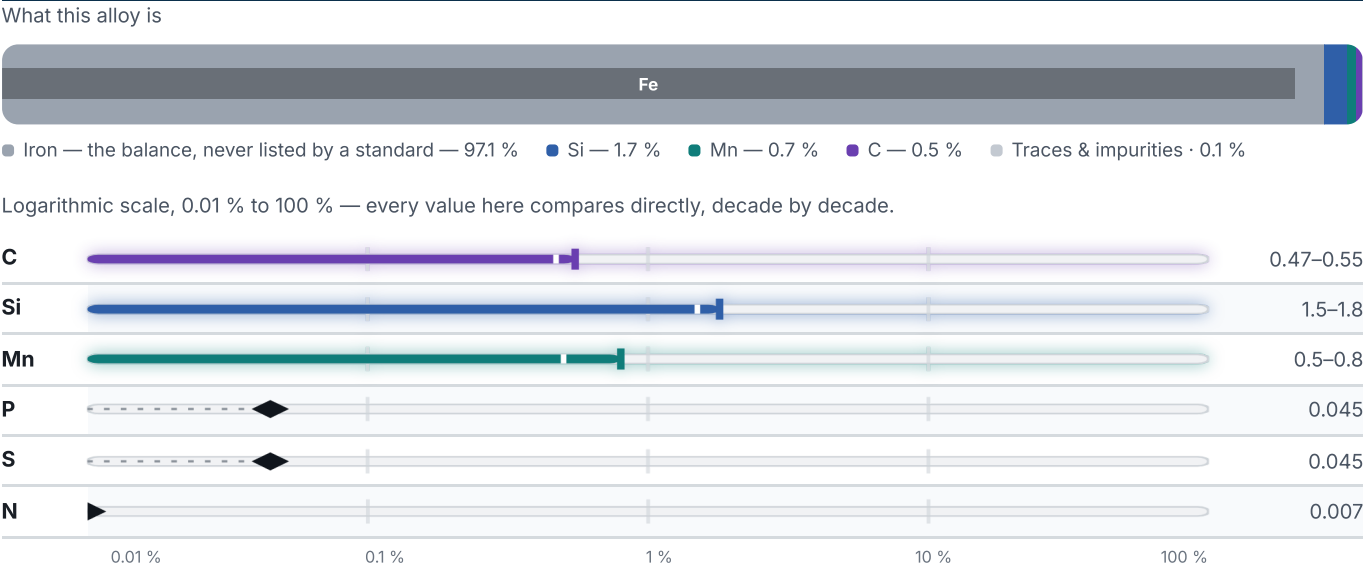
Material no. 1.5025

Chemical composition, mechanical and physical property values, and 9 standard designations from 5 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 9 in 5 regions	PROPERTY VALUES 7 on file
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Chemical composition

Mass fraction in %



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

9 designations · 3 documented as identical

Poland	3	Russia / CIS	2
40S2	pn	40C2	gost
50S2	pn	55C2	gost
55S2	pn		
United States	2	Europe	1
G92550	This grade's own nameuns	51Si7	This grade's own namedin-en
9255	This grade's own nameaisi-sae	Serbia	1
		Č.2132	srps

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 51Si7

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	1.5025	Aug 20, 2026