

MATERIAL NUMBER 1.5027 · CLASS 1.5

1.5027

Chemical composition, mechanical and physical property values, and 18 standard designations from 11 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 18 in 11 regions	PROPERTY VALUES 6 on file
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Chemical composition

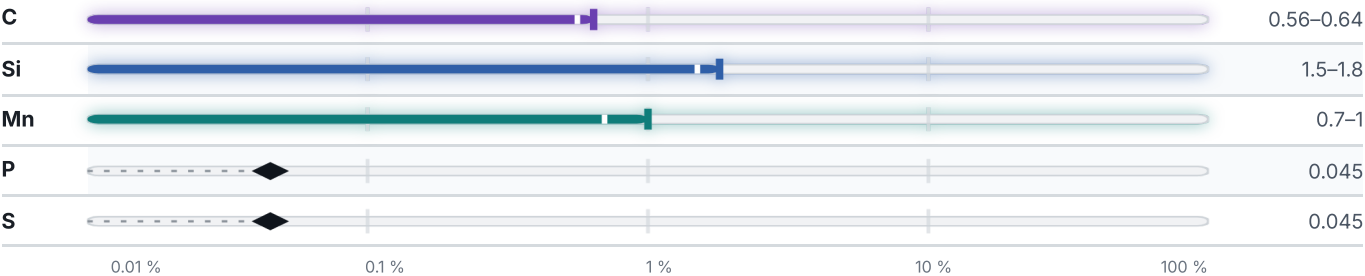
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 96.8 % ● Si — 1.7 % ● Mn — 0.9 % ● C — 0.6 % ● Traces & impurities · 0.1 %

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/cm ³

Designations across standards

18 designations · 5 documented as identical

United States		4	Poland		2
G92600	This grade's own name	uns	60S2		pn
H92600	This grade's own name	uns	60S2A		pn
9260	This grade's own name	aisi-sae	Europe		1
9260H	This grade's own name	aisi-sae	60Si7	This grade's own name	din-en
France		2	International		1
60 SC 7		afnor	59Si7		iso
61SC7		afnor	Russia / CIS		1
Japan		2	60S2A		gost
SUP6		jis	Italy		1
SUP7		jis	60Si7		uni
China		2	Latin America		1
60Si2Mn		gb	9260		copant
60Si2MnA		gb	Serbia		1
			Č.2331		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 1.5027

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	1.5027	Aug 20, 2026