

MATERIAL NUMBER 1.0570 · CLASS 1.0

St 52-3 G

Material no. 1.0570

also listed as S325G

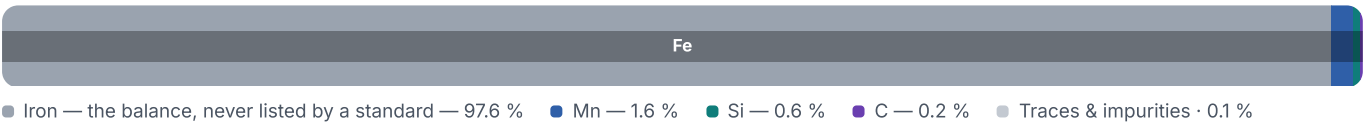
Chemical composition, mechanical and physical property values, and 101 standard designations from 20 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 101 in 20 regions	PROPERTY VALUES 6 on file
--	--	-------------------------------------

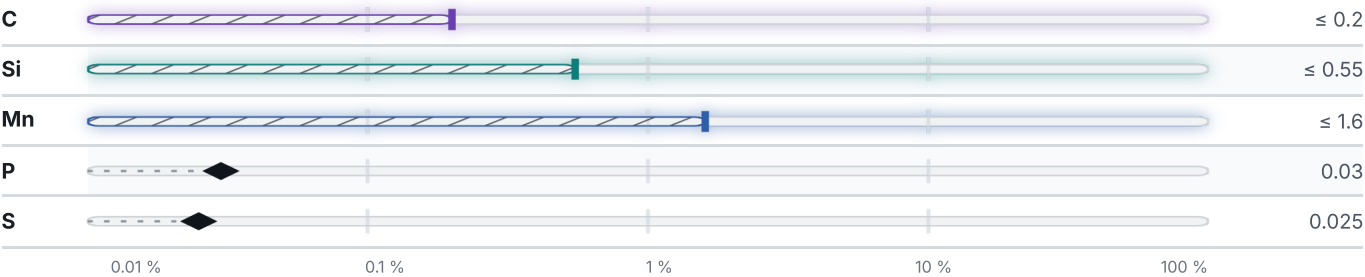
Chemical composition

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

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

101 designations · 3 documented as identical

United Kingdom	15	Russia / CIS	7
1449-50/35HR	bs	17G1S	gost
1449-50/35HS	bs	17GS	gost
4360 50 B	bs	17Г1C	gost
4360-50C	bs	17ГC	gost
4360-50D	bs	35	gost
50C	bs	S345	gost
50D	bs	C345	gost
CEW5	bs		
D1FF	bs	Poland	7
ERW5	bs	15GA	pn
Fe510	bs	16G2	pn
Fe510D1FF	bs	18G2	pn
S355J0	bs	18G2A	pn
S355J2G3	bs	18G2AA	pn
SAW5	bs	18G2ACu	pn
		G355	pn
Japan	14	China	6
SM490	jis	16Mn	gb
SM490A	jis	16MnDR	gb
SM490B	jis	16Mng	gb
SM490C	jis	16MnL	gb
SM490YA	jis	16MnR	gb
SM490YB	jis	HP345	gb
SM50A	jis		
SM520B	jis	Sweden	6
SM520C	jis	2132	ss
SM53C	jis	2133	ss
SS490C	jis	2134	ss
STK490	jis	2135-01	ss
STKM16C	jis	2172	ss
STKR490	jis	2174	ss
Italy	11	France	5
Fe510	uni	E36-3	afnor
Fe510B	uni	E36-4	afnor
Fe510C	uni	S355J0	afnor
Fe510CFN	uni	S355J2G3	afnor
Fe510D	uni	S355K2G3	afnor
Fe52BFN	uni		
Fe52CFN	uni	Spain	5
FeE420	uni	A510C	une
S355J0	uni	AE355D	une
S355J2G3	uni	Fe510D1FF	une
S355JR	uni	S355J2G3	une
		S355J2G4	une

Europe	4	Romania	2
1.0570	din-en	OL52.3	stas
S325G This grade's own name	din-en	OL52.4	stas
St 52-3 G This grade's own name	din-en		
St52-3	din-en	Bulgaria	2
		17GS	bds
Czechia	4	S355J2G3	bds
11438	csn		
11483	csn	Austria	2
11503	csn	St510D	onorm
11523	csn	St52F	onorm
Hungary	4	Slovakia	1
45D	msz	11 503	stn
B50.36	msz		
Fe355C/FF	msz	Serbia	1
S355J2G3	msz	Č.0563	srps
United States	3	Belgium	1
K12037 This grade's own name	uns	FE510D1FF	nbn
1024	aisi-sae		
Gr.50type1-4	aisi-sae	South Korea	1
		STKM16C	ks

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 St 52-3 G

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	1.0570	Aug 20, 2026