

MATERIAL NUMBER 1.0070 · CLASS 1.0

St 70-2 G

Material no. 1.0070

also listed as E360+CR

Chemical composition, mechanical and physical property values, and 32 standard designations from 17 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 32 in 17 regions	PROPERTY VALUES 4 on file
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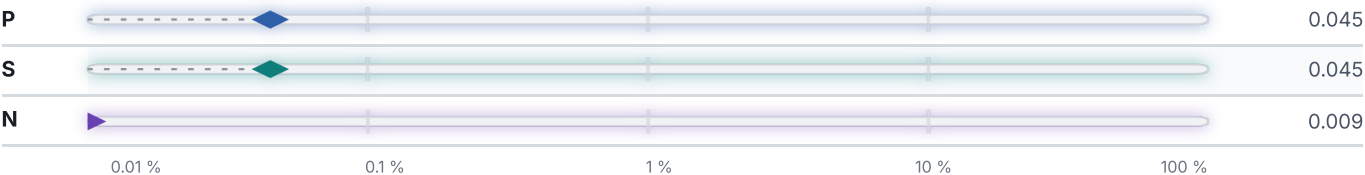
Chemical composition

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: C, Mn, Si, Ni, Cr, Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

32 designations · 4 documented as identical

Europe	6	Sweden	2
1.0070	din-en	1655-00	ss
E360	din-en	1655-01	ss
E360+CR This grade's own name	din-en		
Fe690-2	din-en	Poland	2
St 70-2 G This grade's own name	din-en	Mst7	pn
St70-2	din-en	St7	pn
United States	2	Hungary	2
A678 Grade C This grade's own name	astm	A 70	msz
Grade55 This grade's own name	astm	Fe 690-2	msz
United Kingdom	2	Austria	2
4360-55E	bs	St690	onorm
E360	bs	St70F	onorm
France	2	China	1
A70	afnor	Q390C	gb
A70-2	afnor		
Spain	2	Russia / CIS	1
A690	une	S375	gost
A690-2	une	Czechia	1
International	2	11700	csn
Fe690	iso	Slovakia	1
FeE690	iso	11 700	stn
Italy	2	Serbia	1
Fe680	uni	Č.0745	srps
Fe690	uni	Belgium	1
		A690-1.2	nbn

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 70-2 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	1.0070	Aug 20, 2026