

MATERIAL NUMBER 1.0060 · CLASS 1.0

E335+CR

Material no. 1.0060

Chemical composition, mechanical and physical property values, and 55 standard designations from 21 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm³	55 in 21 regions	4 on file

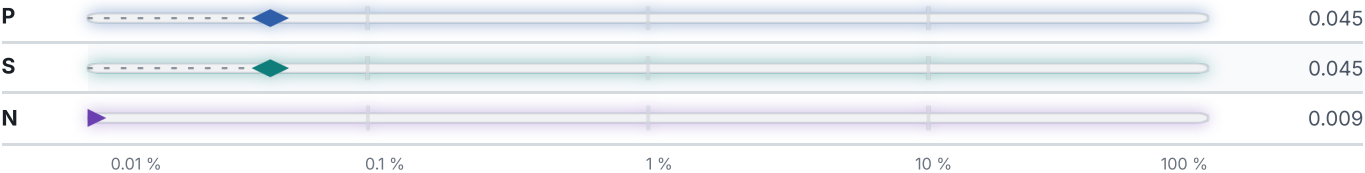
Chemical composition

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

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

55 designations · 3 documented as identical

Russia / CIS		6	Bulgaria		3
S345		gost	ASt6		bds
St5ps		gost	E335		bds
St5sp		gost	WSt6sp		bds
St6ps		gost			
St6sp		gost			
Cr6cn		gost			
Europe		5	France		2
E335		din-en	A60-2		afnor
E335+CR	This grade's own name	din-en	E335		afnor
Fe590-2		din-en			
St 60-2 G	This grade's own name	din-en			
St60-2		din-en			
United Kingdom		5	International		2
4360-55C		bs	Fe590		iso
4360-55E		bs	FeE690		iso
55C		bs			
E335		bs			
Fe590-2FN		bs			
Spain		4	Japan		2
A590		une	SM570		jis
A590-2		une	SM58		jis
E355		une			
Fe590-2FN		une			
Italy		4	China		2
E335		uni	HRB335		gb
Fe580		uni	Q345C		gb
Fe590		uni			
Fe60-2		uni			
United States		3	Poland		2
A572		aisi-sae	MSt6		pn
A572Gr.65		aisi-sae	St6		pn
A678 Grade C	This grade's own name	astm			
Sweden		3	Austria		2
1650		ss	St590		onorm
1650-00		ss	St60F		onorm
1650-01		ss			
Hungary		3	Belgium		2
A 60		msz	A590-1.2		nbn
E355		msz	FE590-2FN		nbn
Fe590-2		msz			
			Czechia		1
			11600		csn
			Slovakia		1
			11 600		stn
			Serbia		1
			Č.0645		srps
			Romania		1
			OL60.1k		stas
			Switzerland		1
			St60-2		snv

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 E335+CR
Quotation, availability, mill certificate or a technical question — directly on the material page.

Start an enquiry

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ISSUED
Aug 20, 2026