SteelEquivalents.com

Material datasheet
As of Aug 20, 2026

MATERIAL NUMBER 1.2330 · CLASS 1.2

35CrMo4

Material no. 1.2330

Chemical composition, mechanical and physical property values, and 16 standard designations from 7 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm³	16 in 7 regions	6 on file

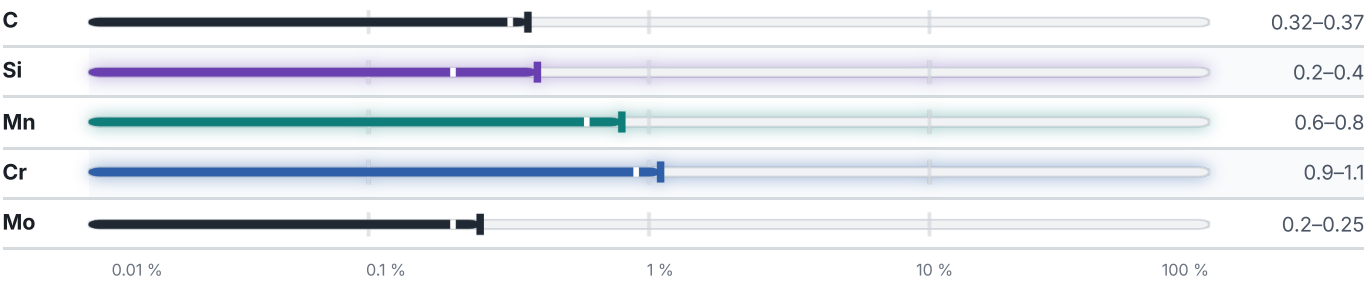
Chemical composition

Mass fraction in %

What this alloy is

Iron — the balance, never listed by a standard — 97.4 % · Cr — 1 % · Mn — 0.7 % · C — 0.3 % · Traces & impurities · 0.5 %

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.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

16 designations · 3 documented as identical

United States 6

G41350	uns
T51620 This grade's own name	uns
4135	aisi-sae
4142	aisi-sae
P20 This grade's own name	aisi-sae
AMS 6352 F	astm

United Kingdom 2

708A37	bs
708M40	bs

France 2

34CD4	afnor
35CD4	afnor

Russia / CIS 2

35ChM	gost
35KhM	gost

Sweden 2

2234	ss
2244	ss

Europe 1

35CrMo4 This grade's own name	din-en

Poland 1

35HM	pn

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 35CrMo4

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	1.2330	Aug 20, 2026