

MATERIAL NUMBER 1.0841 · CLASS 1.0

M 340-50 E

Material no. 1.0841

Chemical composition, mechanical and physical property values, and 9 standard designations from 7 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm³	9 in 7 regions	1 on file

Chemical composition

Mass fraction in %

No chemical composition is on file for this material number.

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

9 designations · 1 documented as identical

Europe	3	France	1
1.0841	din-en	20MC5	afnor
M 340-50 E	din-en	Spain	1
St52-3	din-en	F.431	une
United States	1	Italy	1
5120	aisi-sae	Fe52	uni
United Kingdom	1		
150M19	bs		

Sweden	1
2172	SS

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 M 340-50 E

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	1.0841	Aug 20, 2026