

MATERIAL NUMBER 1.0841 · CLASS 1.0

1.0841

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

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 9 in 7 regions	PROPERTY VALUES 1 on file
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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
Europe3	France1
1.0841din-en	20MC5afnor
M 340-50 E This grade's own namedin-en	Spain1
St52-3din-en	F.431une
United States1	Italy1
5120aisi-sae	Fe52uni
United Kingdom1	Sweden1
150M19bs	2172ss

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 1.0841
Quotation, availability, mill certificate or a technical question — directly on the material page.

Start an enquiry

DATASHEET ONLINE
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GRADE SEARCH
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ISSUED
Aug 20, 2026