

MATERIAL NUMBER EN-JL1060

FC35

Material no. EN-JL1060

also listed as EN-GJL-350

Chemical composition, mechanical and physical property values, and 35 standard designations from 21 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 35 in 21 regions	PROPERTY VALUES 2 on file
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Chemical composition

Mass fraction in %

No chemical composition is on file for this material number.
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Predicted transformation temperatures

Not enough recorded composition to predict a transformation temperature for this grade — missing: C, Mn, Si, Ni, Cr, Mo.
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Mechanical properties

2 values across 1 conditions

CONDITION · DIMENSION	RM N/mm²	HB
Casting, GOST 1412-85	350	–
GOST 1412-85	–	179–290

Physical properties

2 values

CONDITION · DIMENSION	RHO g/cm³	E GPa	ALPHA 10 ^{−6} /K	LAMBDA W/(m·K)	CP J/(kg·K)
20	7.4	140	–	42	–
100	–	–	11	–	545

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³
nu	0.26	

Designations across standards

35 designations · 3 documented as identical

United States	3	Austria	2
F13501 This grade's own name	uns	GG35	onorm
Class50B	aisi-sae	GG350	onorm
No 50 B	aisi-sae		
United Kingdom	3	Spain	1
350	bs	FG35	une
350/22	bs	International	1
Grade 350	bs	350	iso
France	3	China	1
FGL350	afnor	HT350	gb
Ft 35 D	afnor	Czechia	1
Ft35	afnor	422435	csn
Sweden	3	Latin America	1
0135	ss	FG350	copant
0135-00	ss		
O135	ss	Hungary	1
Europe	2	OV35	msz
EN-GJL-350 This grade's own name	din-en	Romania	1
GG-35 This grade's own name	din-en	FC350	stas
Japan	2	Australia / New Zealand	1
FC35	jis	T350	as-nzs
FC350	jis		
Russia / CIS	2	Bulgaria	1
SCH35	gost	Vch35	bds
C435	gost		
Italy	2	Belgium	1
FC35	uni	FGG35	nbn
G35	uni	Netherlands	1
Poland	2	GG35	nen
Z135	pn		
ZI350	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 FC35
Quotation, availability, mill certificate or a technical question — directly on the material page.

Start an enquiry

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ISSUED
Aug 20, 2026