

MATERIAL NUMBER EN-JL1060

FG35

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/cm ³	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.

Predicted transformation temperatures

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

Mechanical properties

2 values across 1 conditions

CONDITION · DIMENSION	RM N/mm ²	HB
Casting, GOST 1412-85	350	—
GOST 1412-85	—	179–290

Physical properties

2 values

CONDITION · DIMENSION	RHO g/cm ³	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		
Ft35	afnor	Czechia	1
Sweden	3	422435	csn
0135	ss	Latin America	1
0135-00	ss	FG350	copant
O135	ss		
Europe	2	Hungary	1
EN-GJL-350 This grade's own name	din-en	OV35	msz
GG-35 This grade's own name	din-en	Romania	1
Japan	2	FC350	stas
FC35	jis	Australia / New Zealand	1
FC350	jis	T350	as-nzs
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 FG35
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