

MATERIAL NUMBER EN-JL1010

EN-JL1010

Chemical composition, mechanical and physical property values, and 26 standard designations from 17 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 26 in 17 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.

Mechanical properties		2 values across 1 conditions	
CONDITION · DIMENSION	RM N/mm²	HB	
Casting, GOST 1412-85	100	—	
GOST 1412-85	—	120–205	

Physical properties					1 values
CONDITION · DIMENSION	RHO g/cm³	E GPa	ALPHA 10^-6/K	LAMBDA W/(m·K)	CP J/(kg·K)
20	6.8	90	–	60	–
100	–	–	8	–	460
PROPERTY			VALUE	UNIT	
Density			7.85	g/cm³	

Designations across standards

26 designations · 2 documented as identical

United States	4	Spain	1
A48-20B	aisi-sae	FG10	une
Class20B	aisi-sae		
No 20 B	aisi-sae	International	1
No.20	aisi-sae	100	iso
Sweden	3	China	1
O110	ss	HT100	gb
O110-00	ss		
O110	ss	Italy	1
Europe	2	G10	uni
EN-GJL-100 This grade's own name	din-en	Czechia	1
GG-10 This grade's own name	din-en	422410	csn
France	2	Latin America	1
Ft 10 D	afnor	FG100	copant
Ft10	afnor		
Japan	2	Poland	1
FC10	jis	ZI100	pn
FC100	jis	Austria	1
Russia / CIS	2	GG100	onorm
SCH10	gost	Belgium	1
C410	gost	FGG10	nbn
United Kingdom	1	Taiwan	1
100	bs	FC100	cns

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 EN-JL1010

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

[Start an enquiry](#)

DATASHEET ONLINE

View the material page

GRADE SEARCH

Search all grades

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ISSUED

Aug 20, 2026