

MATERIAL NUMBER EN-JS1102

PK70-6.8

Material no. EN-JS1102

also listed as EN-GJS-700-2U

Chemical composition, mechanical and physical property values, and 37 standard designations from 22 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm ³	37 in 22 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.

Mechanical properties

4 values across 1 conditions

CONDITION · DIMENSION	RM N/mm ²	RE N/mm ²	A5 %	HB
Casting, GOST 7293-85	700	420	2	—
GOST 7293-85	—	—	—	228–302

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

37 designations · 2 documented as identical

Russia / CIS	10	France	1
PK70	gost	FGS 700-2	afnor
R12MF5-MP	gost	International	1
VCH70	gost	700-2	iso
BЧ70	gost	Japan	1
ДИ70-МП	gost	FCD700	jis
ПК70-6.0	gost	Italy	1
ПК70-6.4	gost	GS 700-2	uni
ПК70-6.8	gost	Sweden	1
ПК70-7.4	gost	07 37-01	ss
P12MΦ5-МП	gost	Czechia	1
Europe	2	422307	csn
EN-GJS-700-2U This grade's own name	din-en	Latin America	1
GGG-70 This grade's own name	din-en	FMNP70002	copant
United Kingdom	2	Hungary	1
700/2	bs	GoV70	msz
SNG 700	bs	Australia / New Zealand	1
Spain	2	700-2	as-nzs
FGE70-2	une	Romania	1
FGS 70-2	une	FGN70-3	stas
China	2	Bulgaria	1
QT700-18	gb	700-2	bds
QT700-2	gb	Belgium	1
Poland	2	FNG70-2	nbn
Zs70002	pn	Netherlands	1
ZS7002	pn	GN70	nen
Austria	2	Finland	1
GGG700	onorm	GRP700	sfs
SG70	onorm		
United States	1		
100-70-03	aisi-sae		

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 PK70-6.8

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

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ISSUED

Aug 20, 2026