

MATERIAL NUMBER EN-JM1160

6004

Material no. EN-JM1160

also listed as EN-GJMB-550-4

Chemical composition, mechanical and physical property values, and 11 standard designations from 9 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm ³	11 in 9 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

3 values across 1 conditions

CONDITION · DIMENSION	RM N/mm ²	A5 %	HB
Casting, GOST 1215-79	539	3–4	–
GOST 1215-79	–	–	192–241

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

11 designations · 2 documented as identical

Europe	2	France	1
EN-GJMB-550-4	This grade's own name din-en	MN550-4	afnor
GTS-55-04	This grade's own name din-en		
Russia / CIS	2	Japan	1
KCH55-4	gost	FCMP540	jis
K455-4	gost	Italy	1
United States	1	P55-04	uni
6004	aisi-sae	Czechia	1
United Kingdom	1	422555	csn
P55-04	bs	Poland	1
		Zcp55004	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 6004

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

[Start an enquiry](#)

DATASHEET ONLINE	GRADE SEARCH	MATERIAL NO.	ISSUED
View the material page	Search all grades	EN-JM1160	Aug 20, 2026