

MATERIAL NUMBER EN-JM1160

422555

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 7.85 g/cm³	OTHER DESIGNATIONS 11 in 9 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			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/cm³	

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		
United States	1	Italy	1
6004	aisi-sae	P55-04	uni
United Kingdom	1	Czechia	1
P55-04	bs	422555	csn
		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 422555

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

[Start an enquiry](#)**DATASHEET ONLINE**

View the material page

GRADE SEARCH

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ISSUED

Aug 20, 2026