

MATERIAL NUMBER EN-JM1160

EN-JM1160

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

DENSITY 7.85 g/cm ³	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	Russia / CIS		2
EN-GJMB-550-4	This grade's own name	din-en	KCH55-4		gost
GTS-55-04	This grade's own name	din-en	K455-4		gost

United States	1	Italy	1
6004	aisi-sae	P55-04	uni
United Kingdom	1	Czechia	1
P55-04	bs	422555	csn
France	1	Poland	1
MN550-4	afnor	Zcp55004	pn
Japan	1		
FCMP540	jis		

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-JM1160

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