

MATERIAL NUMBER 1.0737 · CLASS 1.0

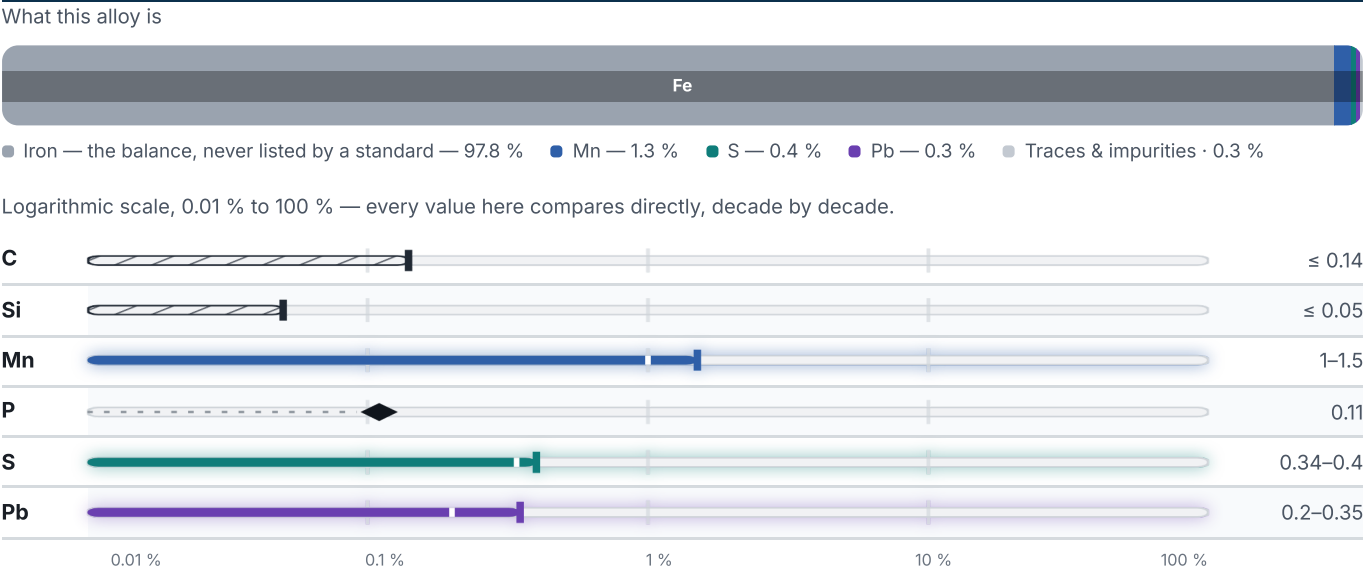
1.0737

Chemical composition, mechanical and physical property values, and 13 standard designations from 8 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 13 in 8 regions	PROPERTY VALUES 7 on file
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Chemical composition

Mass fraction in %



The scale is logarithmic, not the element’s raw share of the alloy — the only honest way to fit 0.01 % and 100 % in one picture, and it means every value here can be compared with every other.

Predicted transformation temperatures

Not enough recorded composition to predict a transformation temperature for this grade — missing: Ni, Cr, Mo.

Mechanical properties

11 values across 2 conditions

COLD DRAWN / HARD	RM N/mm ²	A %
5 – 10	510–810	6
10 – 16	490–760	7

COLD DRAWN / HARD	RM N/mm ²	A %
16 – 40	460–710	8
40 – 63	400–650	9
63 – 100	360–630	9
AS ROLLED AND TURNED		HB
As rolled and turned		107–169

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

13 designations · 4 documented as identical

Europe	3	United Kingdom	1
1.0737	din-en	230M07Pb	bs
11 SMnPb 37 This grade's own name	din-en		
9 SMnPb 36 This grade's own name	din-en	France	1
		S300Pb	afnor
Spain	3	Italy	1
12SMnP35	une	CF9SMnPb36	uni
F.2114	une		
F.2114-12SMnPb35	une	Sweden	1
United States	2	1926	ss
G12144 This grade's own name	uns	Latin America	1
12L14 This grade's own name	aisi-sae	12L14	copant

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 1.0737

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