

MATERIAL NUMBER 1.0718 · CLASS 1.0

11SMnPb28

Material no. 1.0718

also listed as 11 SMnPb 30

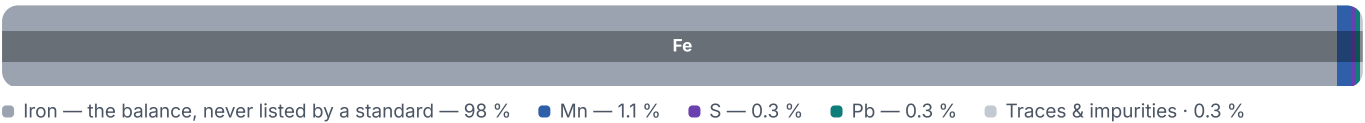
Chemical composition, mechanical and physical property values, and 21 standard designations from 11 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 21 in 11 regions	PROPERTY VALUES 7 on file
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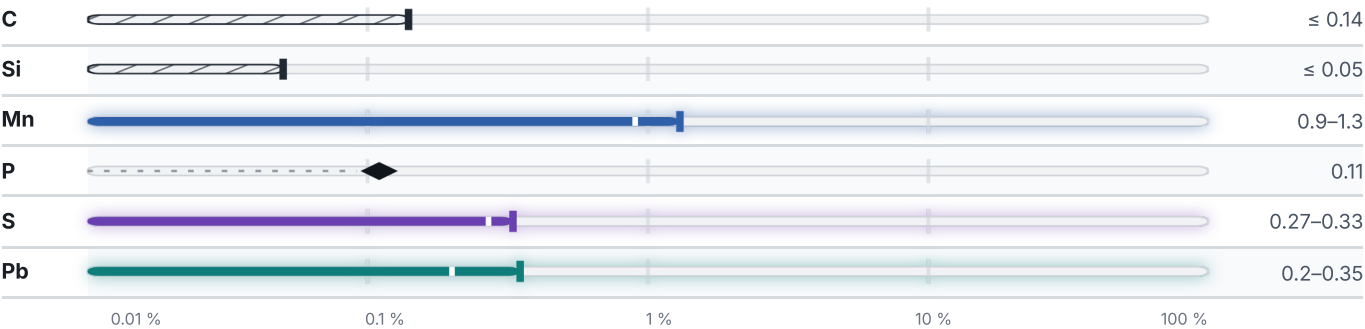
Chemical composition

Mass fraction in %

What this alloy is



Logarithmic scale, 0.01 % to 100 % — every value here compares directly, decade by decade.



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/mm²	A %
5 – 10	510–810	6
10 – 16	490–760	7
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/cm³

Designations across standards

21 designations · 9 documented as identical

United States	4	South Korea	2
G12134 This grade's own name	uns	SUM22L This grade's own name	ks
G12144 This grade's own name	uns	SUM24L This grade's own name	ks
12L13 This grade's own name	aisi-sae	France	1
12L14 This grade's own name	aisi-sae	S250Pb	afnor
Europe	3	International	1
1.0718	din-en	11MnPb28	iso
11 SMnPb 30 This grade's own name	din-en	China	1
9 SMnPb 28 This grade's own name	din-en	Y15Pb	gb
Spain	3	Italy	1
11SMnPb28	une	CF9SMnPb28	uni
F.2112	une	Sweden	1
F.2112-11SMnPb28	une	1914	ss
Japan	3	Poland	1
11SMnPb28 This grade's own name	jis	A10X	pn
SUM22L	jis		
SUM24L	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 11SMnPb28

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