

MATERIAL NUMBER 1.0722 · CLASS 1.0

11L08

Material no. 1.0722

also listed as 10 SPb 20

Chemical composition, mechanical and physical property values, and 9 standard designations from 6 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm ³	9 in 6 regions	7 on file

Chemical composition

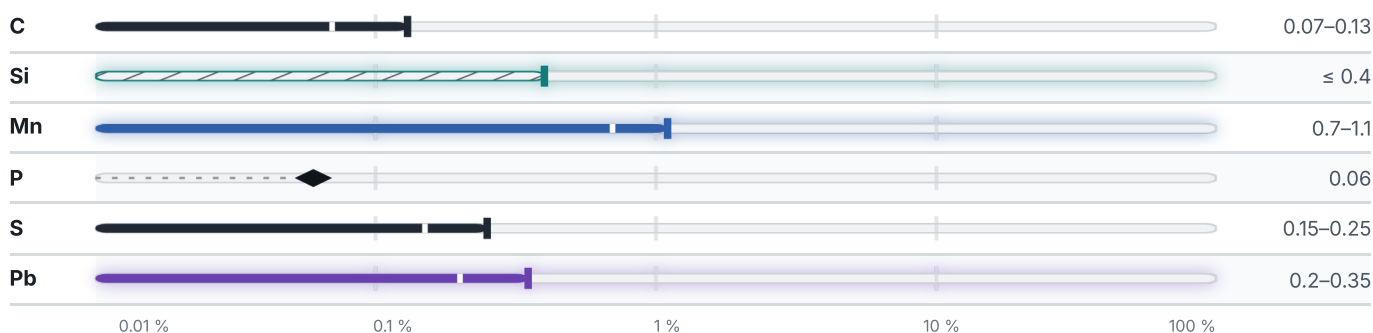
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 98.1 % ● Mn — 0.9 % ● Si — 0.4 % ● Pb — 0.3 % ● Traces & impurities · 0.4 %

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	520–780	7
10 – 16	490–740	8
16 – 40	460–720	9
40 – 63	410–660	10
63 – 100	380–630	11
AS ROLLED AND TURNED		HB
As rolled and turned		105–156

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

9 designations · 2 documented as identical

Spain	3	United States	1
10SPb20	une	11L08	aisi-sae
F.2122	une		
F.2122-10SPb20	une	France	1
		10PbF2	afnor
Europe	2		
1.0722	din-en	Japan	1
10 SPb 20 This grade's own name	din-en	10SPb20 This grade's own name	jis
		Italy	1
		CF10Pb20	uni

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 11L08

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	1.0722	Aug 20, 2026