

3M-981A

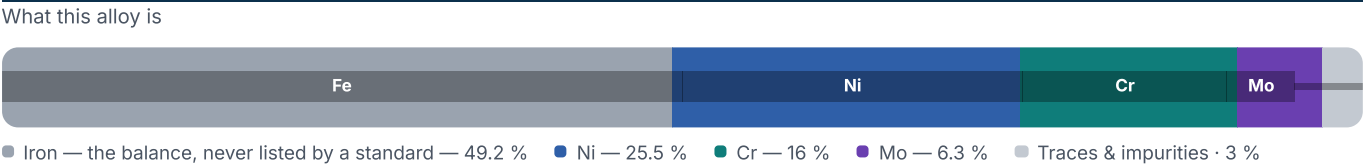
also listed as Sv-09Kh16N25M6AF

Chemical composition, mechanical and physical property values, and 3 standard designations from 1 regions.

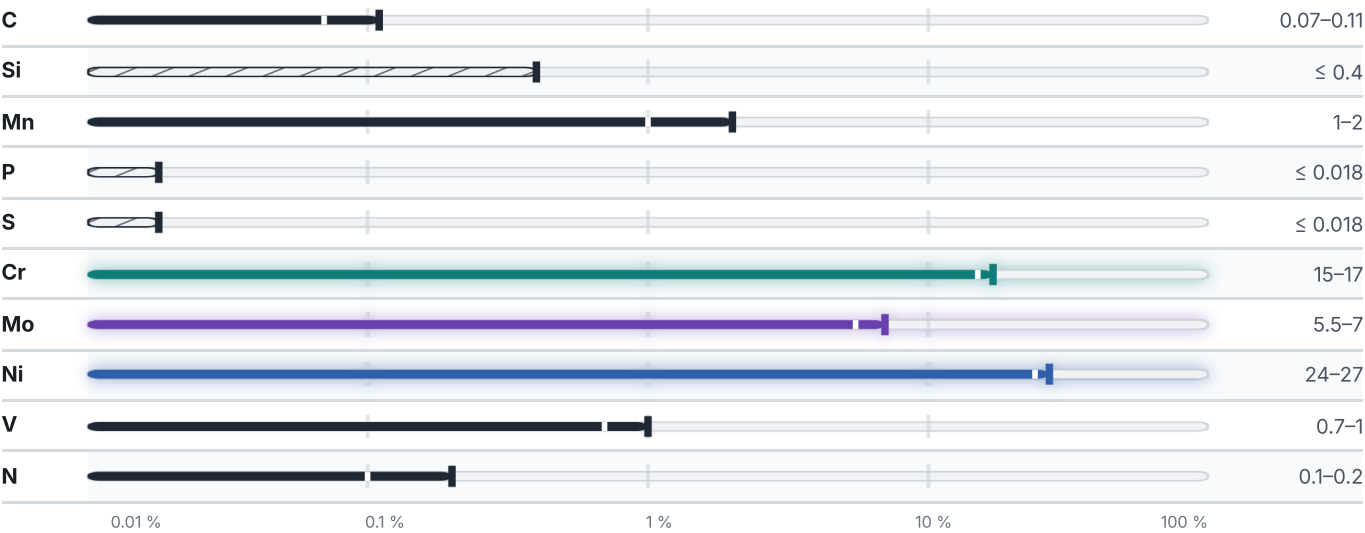
OTHER DESIGNATIONS	PROPERTY VALUES
3 in 1 regions	10 on file

Chemical composition

Mass fraction in %



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

This grade's composition falls outside the published model's validated range (a low-alloy composition window), so no transformation temperature is predicted here.

Designations across standards

3 designations · 1 documented as identical

Russia / CIS	3
Sv-09Kh16N25M6AF This grade's own name	gost
Св-09Х16Н25М6АФ	gost
ЭИ-981А	gost

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 ЭИ-981А

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	—	Aug 15, 2026