

($20-100 < 3 \cdot 10^{-6} \text{ }^{-1}$),
[1].

Fe-Ni,
[2].

[3].

[4].

Zeiss «Jeol JSM-6490LV»,
Oxford Inca Energy 350.

Axio Vert A1 Carl

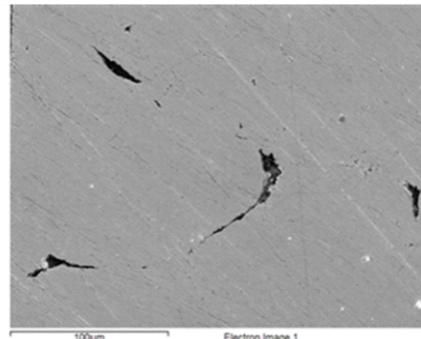
«Linseis L78»

γ -

()

(. 1)

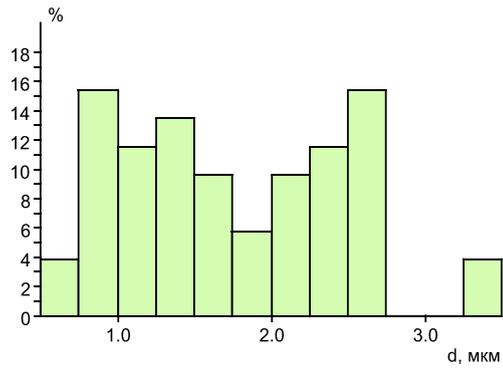
3



SIAMS

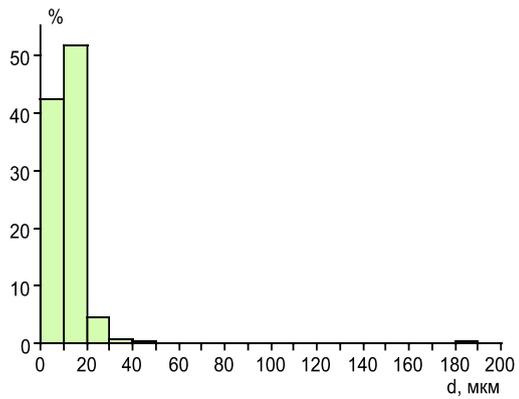
	, %
	0,11	0,7	3,3	1,8
	0,16	7,1	180	12,4

. 2



. 2.

. 3



. 3.

(3-7).

, γ -
 : 20–100 ° ; 20–200 ° ; 20–300 ° .
 100 °
 (2,2 10⁻⁶ -1).
 (.2).

2

(-10-6 -1)

	100 ⁰	150 ⁰	200 ⁰	250 ⁰	300 ⁰
, 1-	2,2	–	–	–	–
, 1-	2,3	–	–	–	–
, 2-	2,8	2,6	2,3	–	–
, 2-	2,5	2,4	2,3	–	–
, 3-	2,8	2,6	2,4	2,9	3,9
, 3-	2,5	2,4	2,4	2,9	4,3

230–260⁰

230–250⁰

1. Masayuki Shiga. Invar alloys. Current Opinion in Solid State and Materials Science, Volume 1, Issue 3, 1996, P. 340-348.

2. // . – 2000. – 5. – 132-135.

3. //
4. //
- 2014. – 1. – . 91-94.
- 2013. – 3. – . 10-13.

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