

539.21

• • , • •

Ti-Cr-N

(), , -

3

Ti-Cr-N

3 %-
 $t = 20^\circ$

[1].

NaCl (pH 7)

50 / .

LEO 1455 VP.
 3.

$Ti_{1-x}Cr_xN$ ($0,36 < x < 0,64$),

() ,

$Ti_{1-x}Cr_xN$ ($0,36 < x < 0,64$)

$iE-$

3

Ti Cr,

($i=0 / 2$)

3 () .

$Ti_{0,64}Cr_{0,36}N/ 3$

21 / 2

2,0-

2,4

$Ti_{0,36}Cr_{0,64}N$ $Ti_{0,60}Cr_{0,40}N$.

$iE-$

[2].

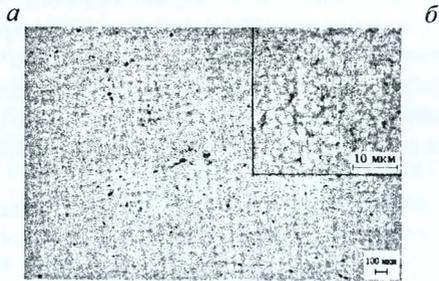
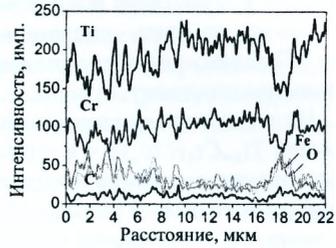
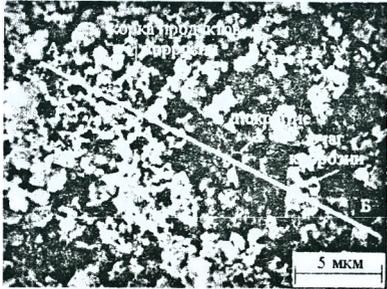
« / » ($TiCrN$ 3,0-3,4) 3 %
 NaCl

	($i=0 / 2$)	($= -0,4$)
3	-550	8,9
$i_{0,36} r_{0,64}N/ 3$	-640	8,8

$i_{0,60} r_{0,40}N/ 3$	-610	8,3
$i_{0,64} r_{0,36}N/ 3$	-640	6,2

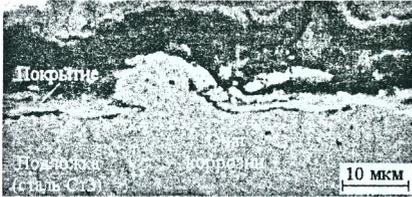
$Ti_{1-x}Cr_xN$ ($0,36 < x < 0,64$) 3 % NaCl
 $Ti_{0,64}Cr_{0,36}N$,
 $Ti_{1-x}Cr_xN$ ($0,36 < x < 0,64$), 3, -
 NaCl -
 $FeCl_2$ $FeCl_3$ [3].
 1-
 $Ti_{1-x}Cr_xN$ ($0,36 < x < 0,40$), -
 1,5 -
 $Ti_{1-x}Cr_xN$ ($0,36 < x < 0,64$) -
 3 % NaCl -
 1 - $Ti_{0,60} r_{0,40}N$. -
 (1, ,). -
 (1,), -
 (1, ,). -
 9.302-88, $Ti_{0,36}Cr_{0,64}N$, -
 (60-65 -
 $Ti_{0,60}Cr_{0,40}N$
 1 2) -
 $Ti_{0,64}Cr_{0,36}N$ 6-8 ,

$U_b - 120$ [4].



1 - (,) $Ti_{0,60}Cr_{0,40}N/C$ 3
 3 %- $NaCl$
 K_1 , ,
 () () ;
 $Ti_{0,60}Cr_{0,40}N/C$ 3 ;

2, ,
 $Ti_{0,36}Cr_{0,64}N$



а б

« / »

3 %- NaCl:

$Ti_{0,36}Cr_{0,64}N$ 3; $Ti_{0,64}Cr_{0,36}N/C$ 3

$Ti_{0,36}Cr_{0,64}N$ $Ti_{0,64}Cr_{0,36}N$

(2,).

$Ti_{1-x}Cr_xN$ ($0,36 < x < 0,64$) 3

1,5 (3 %- NaCl) 3.

« / 3»

(), (, ,)

$Ti_{1-x}Cr_xN$ ($0,36 < x < 0,40$)

6-8 [4-6],

- TiCrN 15 [7],
1. / - / : - , 2003. - 19 .
 2. - [. . .] // . . . - 2007. - . 6, . 15. - . 71-74. /
 3. , , 1971. - 280 . / . . . ,
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