

621.762

. . . , . . . , . . .

: +99 (412) 5398520; E-mail: subhan_namazov@daad-alumni.de

« - »

3 %.

« - »

1100-1150⁰ .

: , « - », , .

, , ,

,

.

,

.

,

,

,

,

,

,

-

[1, 2, 3].

[4]

«

»

,

,

,

, . %: 50, 47-48 2-3.

,

.

Y –

3,6 .

400-1000

«Koyo Lindberq»

3,6 .

900-1200⁰

,

« -21»

.

.

(.1, , 1) ,

,

900 1200⁰
(.1, 2)

800 ,

.

,

,

.

1150⁰ ,

,

900, 1000, 1100
900 1000⁰

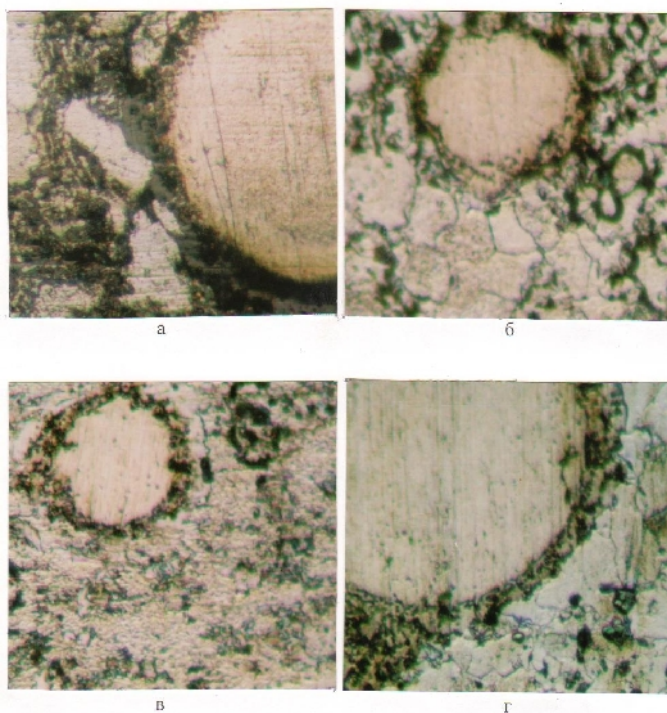
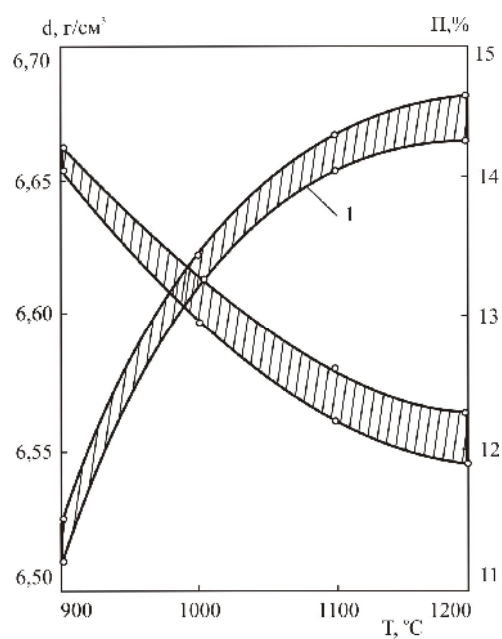
(.2,).

1150⁰ .
 (.2,).

1100⁰ . - ,
 ()

1100-1150⁰ (.3).

900⁰ σ 330 . 400 , 1200⁰ σ ,



1. , d (1) , (2)

2. " " 3%- 400.
 = 800 , ° : - 900; -
 1000; - 1100 - 1150. (
 - 1000°)

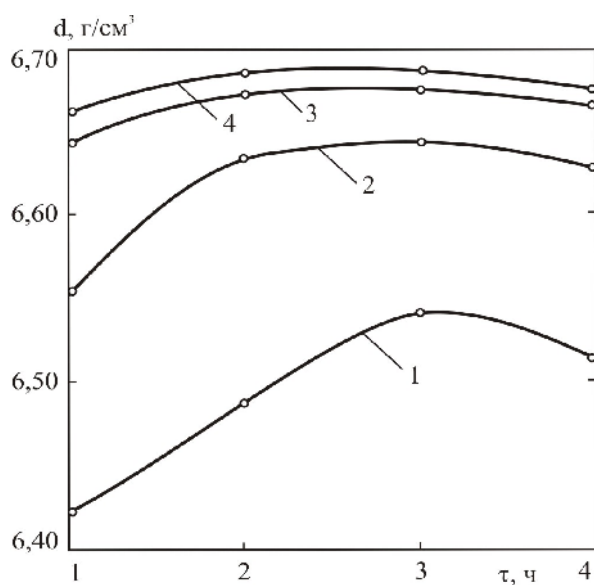
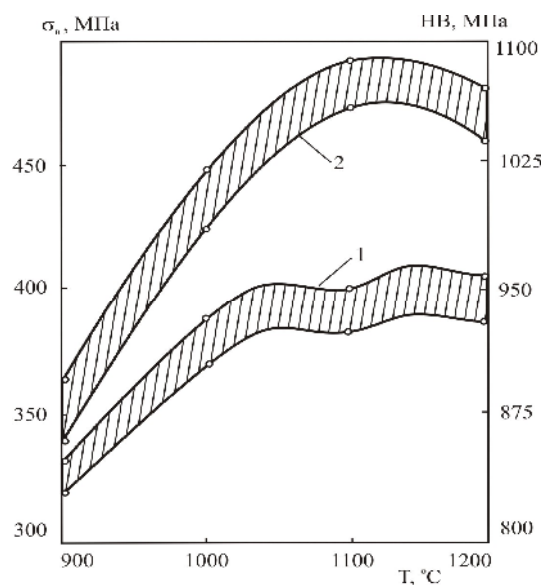


Рис.4.

3. , σ (1)
(2)
1100; 4 - 1150
° : 1 - 900; 2 - 1000; 3 -

900°

3
1000° ,

900
b. 900 1100° ,

1000° ,

[5-8].

4.

1- 3-
(900, 1000°).

1000° .

900 1150°

1100-1150⁰ ,

1150⁰

2. ,

1150⁰ 900-

1000⁰ 2 ÷ 3 .

:

1. / . . ,

2. , 1975. – 53 . / . . ,

3. , 1991. – 318 .

Distaloy / . . // . – 2010. –

N.2. – . 85-89.

4. /

5. , 2005. – 458 .

1990. – 8. – . 96-100. / . . . //

6. . I . – 1985. – 11. – . 38-41. //

7. . IV. / . . //

8. . – 1986. – 2. – . 22-26. , / . . ,

// . – 1989. – 6. – . 29-33.

20.02.2012.

. . , . . , . .

« - »

« - », 3 %.

»

1100-11500 .

: , « - », ,

S.N. Namazov, I.H. Hamdullaeva, Z.A. Namazova
INFLUENCE OF TECHNOLOGICAL
PARAMETERS OF SINTERING ON STRUCTURE
AND PROPERTIES OF THE POWDER
COMPOSITION "IRON - PIG-IRON"

In article influence of temperature and an atmosphere of sintering on structure and properties powder compositions "iron-pig-iron", containing a powder nickel-chrome an alloy in quantity 3 weight % is investigated. It is established, that a powder composition, "iron-pig-iron" the best structure and properties gets at temperature of sintering 1100-1150⁰ .

Keywords: an alloy, «iron-pig-iron», structure, a powder