

25 % , -

6 % 70 -

-39,0 / ².

30 % 5 %

7 % , -

25 % , -

20-25 % , -

5-6 % -

50-70

: 3,19-3,21 / ³,

15,58-16,16 %, 33,4-39,0 / ².

: 1. - 2004. - 4. - 11-12. 2. -

//

- 2001. - 1. - 67-72. 3. -

//

- 2002. - 2. -

119-122. 4. -

//

51. - 52-59. 5. -

“ ”, - 2005.-

- 1992. - 9. - 22-27. 6. -

//

- 2005. - 9.

- 44-48.

16.09.06.

666.972

» «

The information about the change of the phase composition of high-temperature protective coatings obtained in the process of heating of silicium organic compounds filled with oxides is presented in the article. The optimum compositions of coverings are selected, the porosity changes in the wide range of temperature are determined

[1].

[2].

[3].

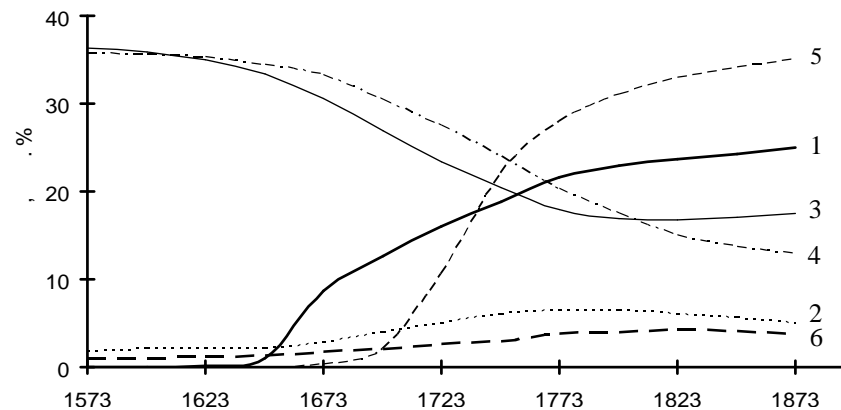
(50...60 .%)

(20 .%)

(10-30 70 .%)
 100...140 .
 ().

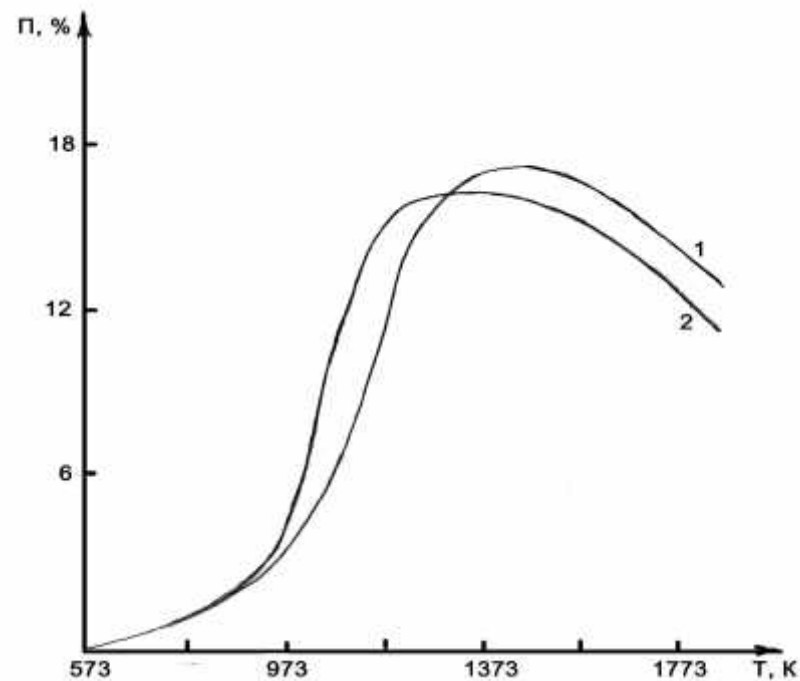
120

/	d/n,	In/Io		
		20 : 80	30 : 70	40 : 60
1	0,348	0,94	0,97	0,98
2	0,255	0,87	0,90	0,91
3	0,237	0,88	0,89	0,90
4	0,208	0,83	0,86	0,92
5	0,174	0,84	0,85	0,88
6	0,160	0,90	0,96	0,98



1. 1- ; 2- ; 3- ; 4- ; 5- ; 6-

573 -1073
 1573 1653 -
 1773 1650 (. 1),
 5. 1873 , . %:
 - 26; - 33; - 17; - 12; β-
 - 8; - 4.
 (. 2).
 773
 15,2...17,8 %.



2. : 1- -08-Al₂O₃; 2- -08-Al₂O₃ - ZrO₂

