

(, , .).

5-10 / .

110-
0,14—0,8 / ³ 20 /

15-29 /

(, , .).

16.09.06.

666.26.342

· · , · · , · · , (,)

Experimental researches on studying influence of optimal grain compound of fused corundum, content of a matrix, molding-moisture content and frequency of vibrating formation on the properties of low-cement of concrete have been carried out. The results of optimization of the basic technological parameters of refractories from low-cement concrete are given.

[1-4].

[5, 6].

6 ; 7 %

90 %, 0,1 .

· 6-3 - 28-38 %, · 3-1 - 28-40 %, · 1-0 - 27-40 % . 75 %

25 % , 2 .

4 . 7 % (, 100 %).

(40) 30 .

30 .

110⁰ 2 .

2409-95 , 4071.1-94. *

$$\dots = 3,10 \cdot x_1 + 3,06 \cdot x_2 + 3,09 \cdot x_3 - 0,089 \cdot x_1 \cdot x_2 (x_1 - x_2) + 0,135 \cdot x_1 \cdot x_3 \cdot (x_1 - x_3) + 0,427 \cdot x_2 \cdot x_3 (x_2 - x_3) - 0,022 \cdot x_1 \cdot x_2 (x_1 - x_2) - 2,529 \cdot x_1 \cdot x_3 \cdot (x_1 - x_3) - 0,112 \cdot x_2 \cdot x_3 (x_2 - x_3) - 0,585 \cdot x_1 \cdot x_2 \cdot x_3 / x_3^3; \quad (1)$$

* -

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 .%)