



8 20 .%

The complex thermal and chemical assayings prove an opportunity of use during a roasting of a clinker of a raw mix with dispersion ability of 15 – 16 masses. % of a sieve residue 008, which contains domain granulose dross. Is shown, that on kinetics-energy parameters of a roasting raw mixes with fineness of grinding from 8 up to 20 masses. % practically does not differ.

10 – 35 %.

30 – 40 .%

16 – 18 .%.

12 .%

008.

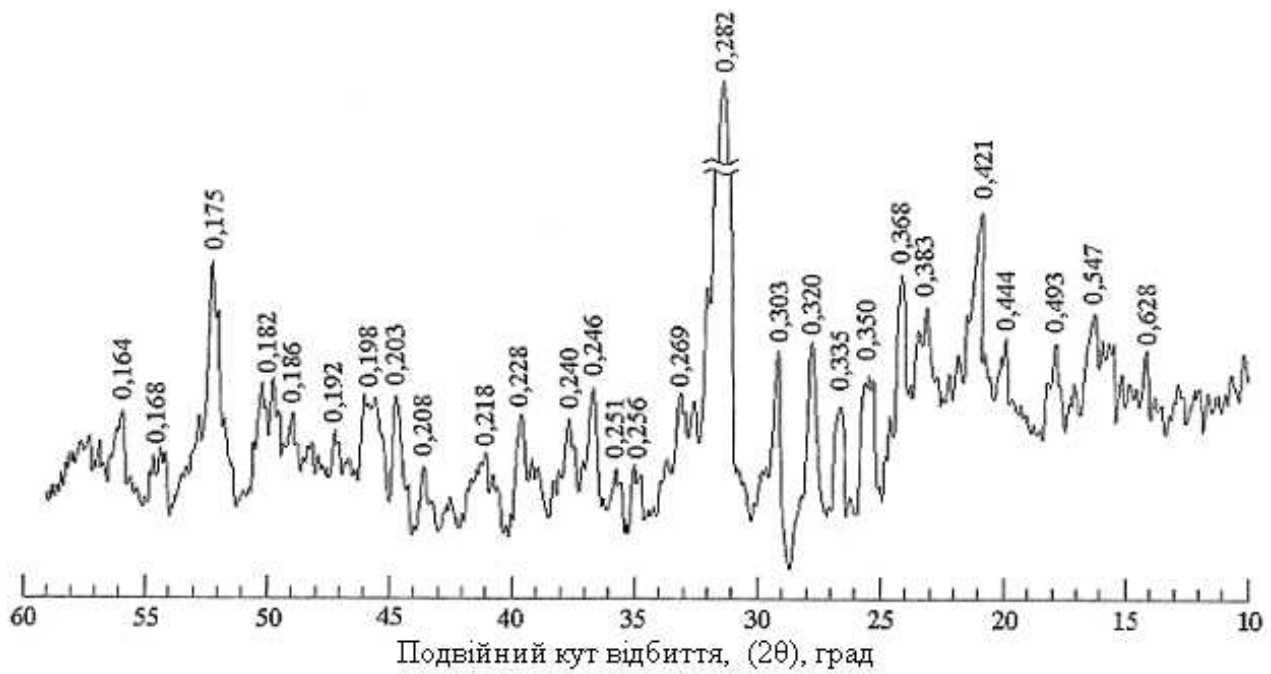
[1, 2]

( 20 ),  
100 .

[3].

(. 1),

[4].

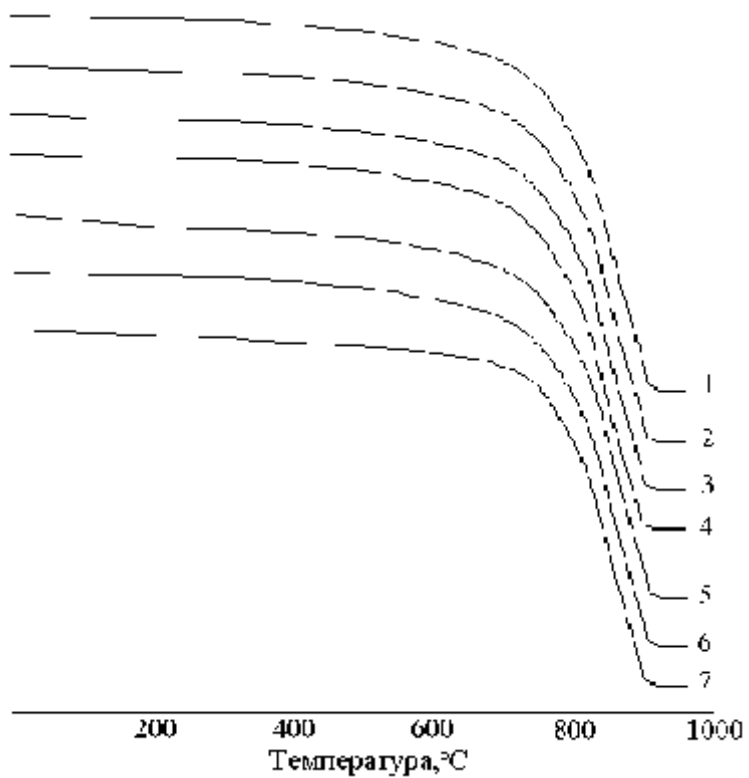


. 1.

1300

(. 2, 3)

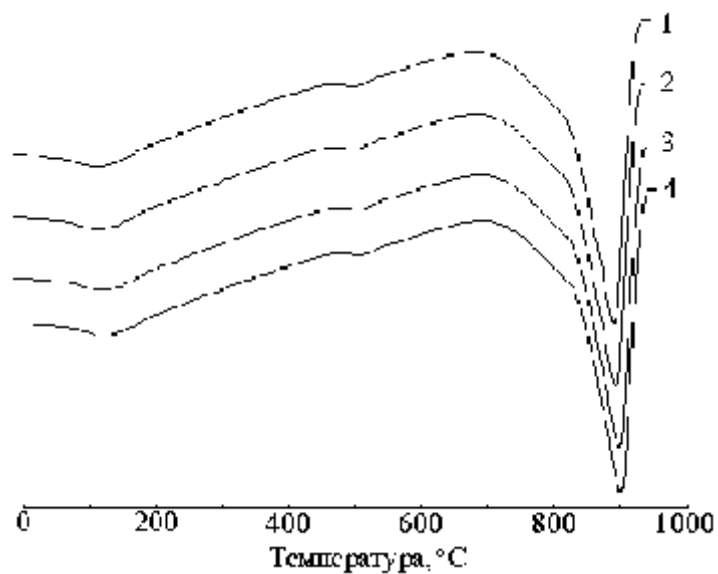
20 – 1000 ,  
8 20 . %



.2.

$$(\sum R_{008}^{\prime}):$$

1-8 .%; 2-10 .%; 3-12 .%; 4-14 .%; 5-16 .%;  
6-18 .%; 7-20 .%



.3.

$$(\sum R_{008}^{\prime}):$$

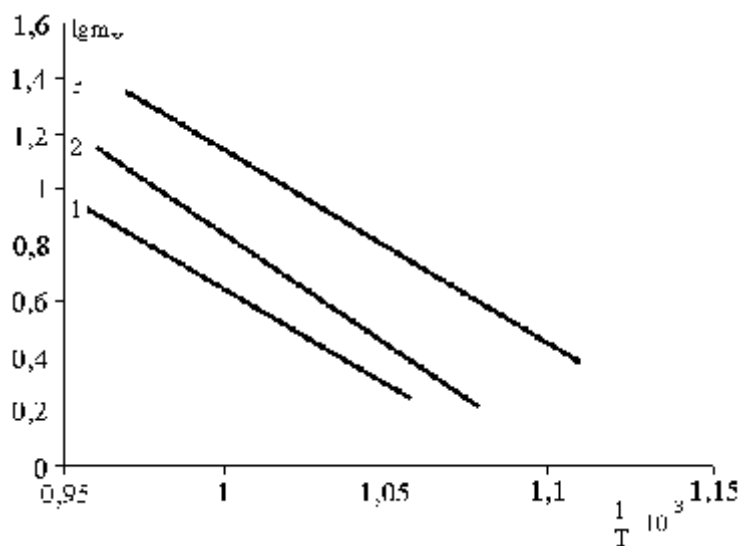
1-8 .%; 2-10 .%; 3-12 .%; 4-14 .%; 5-16 .%;  
6-18 .%; 7-20 .%.

10 - 20 .

8 - 20 . %

2 - 6 %.

( . 4).



. 4.

1 - /  $\sum R_{008}^c = 8$  . % ; 2 -  $\sum R_{008}^c = 14$  . % ;  
 3 -  $\sum R_{008}^c = 20$  . %.

” ”

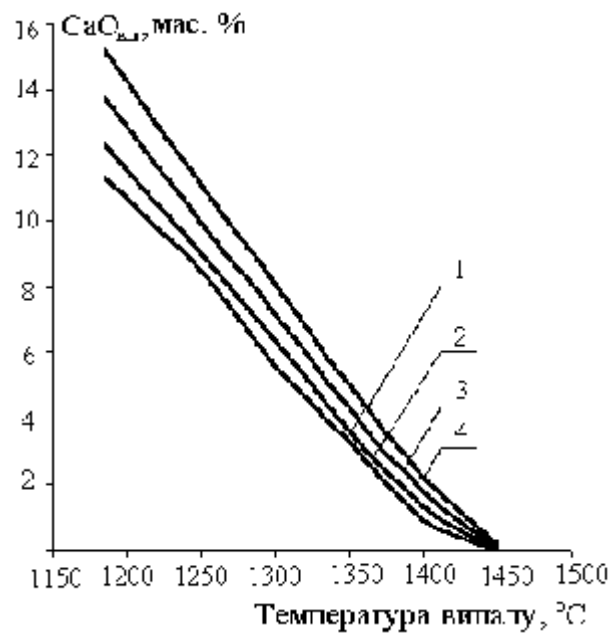
8 20 . % 008  
 4 - 7 % . ( ).

[3]

008.

			/		
			TG	G	
	630	930	153,6	168,4	159,3
$\sum R_{008} = 8$ .%	650	885	129,2	143,2	133,9
$\sum R_{008} = 10$ .%	655	890	131,4	148,1	136,8
$\sum R_{008} = 12$ .%	660	900	128,0	152,3	142,4
$\sum R_{008} = 14$ .%	655	885	132,7	150,7	138,7
$\sum R_{008} = 16$ .%	665	890	135,8	149,8	138,9
$\sum R_{008} = 18$ .%	670	895	134,7	150,5	139,4
$\sum R_{008} = 20$ .%	670	900	135,6	152,4	140,1

20 .%) ( 8 -  
 (10, 30, 60, 120 ) -  
 (1200 – 1450 ° ). .5 .6 -  
 60 . ,  
 1200 °  
 (11,3 18,8 .% 8  
 20 .%, ). 1350 – 1400 °  
 (1450 ° ) -  
 0,7 .%.

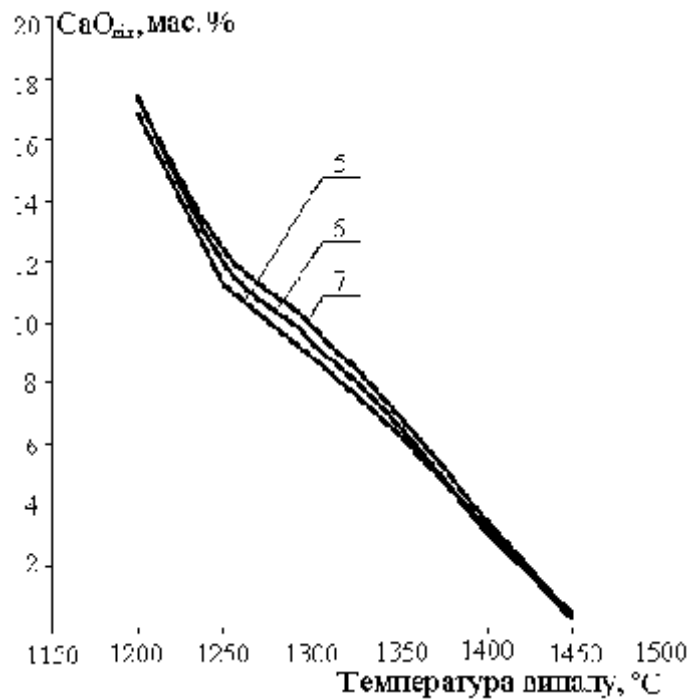


.5.

60- :

1 – /  $\sum R_{008}^c = 8$  . % ; 2 –  $\sum R_{008}^c = 10$  . % ;

3 –  $\sum R_{008}^c = 14$  . % ; 4 –  $\sum R_{008}^c = 16$  . % ; ;



.6.

60- :

5 – /  $\sum R_{008}^c = 18$  . % ; ; 6 –  $\sum R_{008}^c = 20$  . % .

,  
 , (8 – 20 . %), -  
 -  
 008. , -  
 , 15 – 16 . % -  
 ,  
 12 – 16 %.

: 1. . . . - ∴  
 , 1962. – 136 . 2. . . .  
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 “ ”. – 2005. – 23 – . 78 – 89. 4. -  
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15.06.07

62.822

. . . , . . . ,

New principle scheme of the vertical vibration drying with hydraulic drive setting, is consider. Develop mathematical model of working process, which gives possibility to make the analysis of all basic constit-