

• • ; • • , • • ;
• • , • • ; • • , • • ;
• • , « »

: Mg

: Mg : Mg : CaCl₂

Influence of a ratio : Mg in system : Mg : CaCl₂ on durability adsorbent is investigated. The optimum structure responding a high degree of catching is established. Negative influence hydroxides calcium in adsorbent on its durability is proved. Character of change of the contents of ions of chlorine in adsorbent is investigated at heat treatment on its durability.

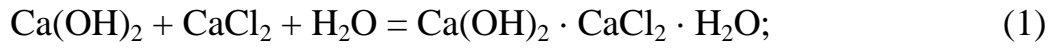
[2].

[1].

(.) [3],

[3 – 7].

[8]



: Mg : CaCl₂,

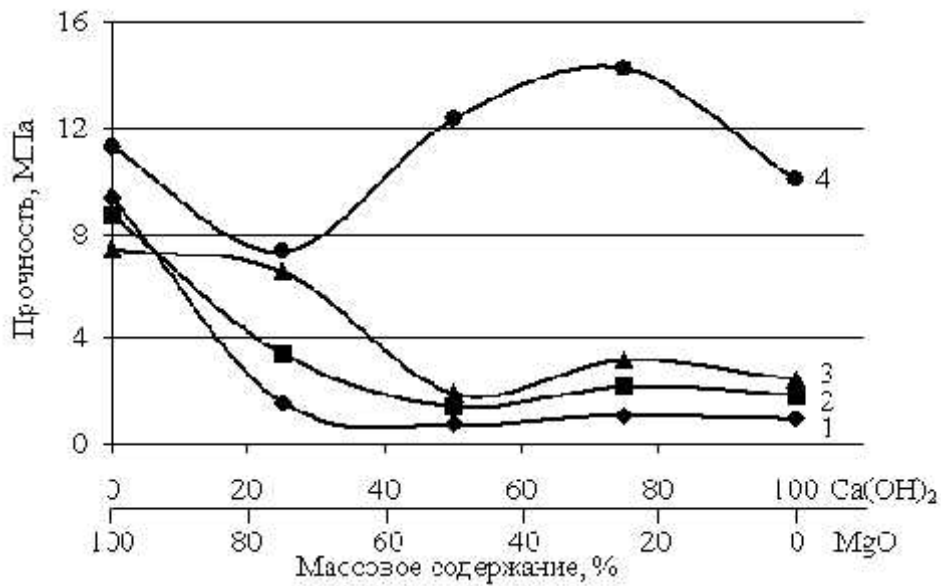
[9, 10],

(()₂ : Mg).

70 80 % 3 ()₂ · aCl₂ · 12 H₂O, ()₂ :
 Mg 1 : 3, 1 : 1 3 : 1, . 1.

. 1, (1 –
 3) ()₂ :
 Mg = 1 : 1, ,

50/50 %, (3).



1. ()₂ : MgO

3 ()₂ · aCl₂ · 12 H₂O (%):

1 – 65; 2 – 70; 3 – 80; 4 – 80,

3 ()₂ · aCl₂ · 12 H₂O

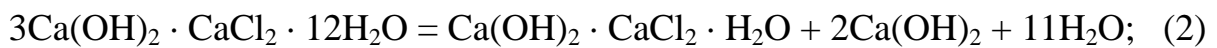
: CaCl₂

Mg : CaCl₂

: CaCl₂

Mg : CaCl₂

: CaCl₂



()₂ : Mg = 1 : 3

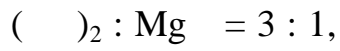
1 : 1.

: Mg : CaCl₂

()₂ : Mg

1 : 3 1 : 1 %.

4

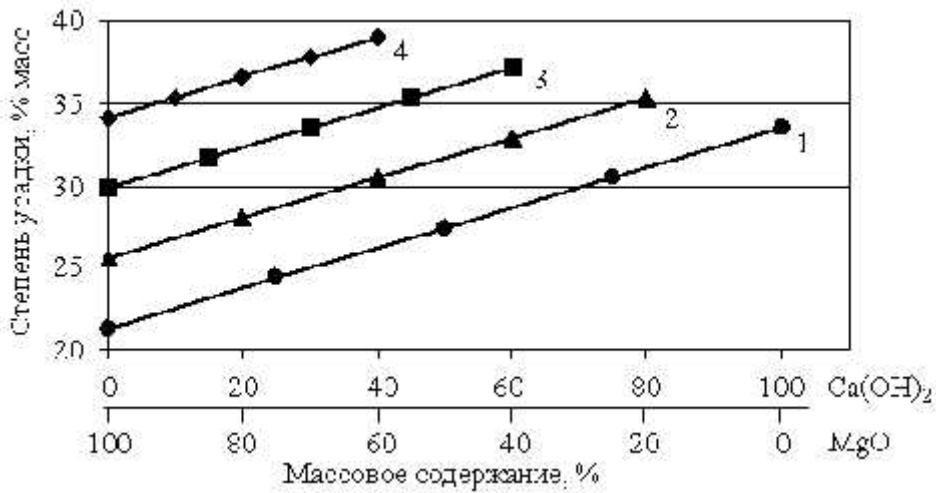
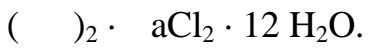


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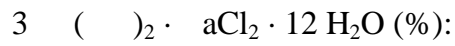
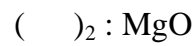
.1.

.2.

5 – 11 %,



.2.



1 – 50; 2 – 60; 3 – 70; 4 – 80

, ...

HCl,

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. 3.

40 50 %

0,1

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1

Массовое содержание ионов хлора, %



. 3.

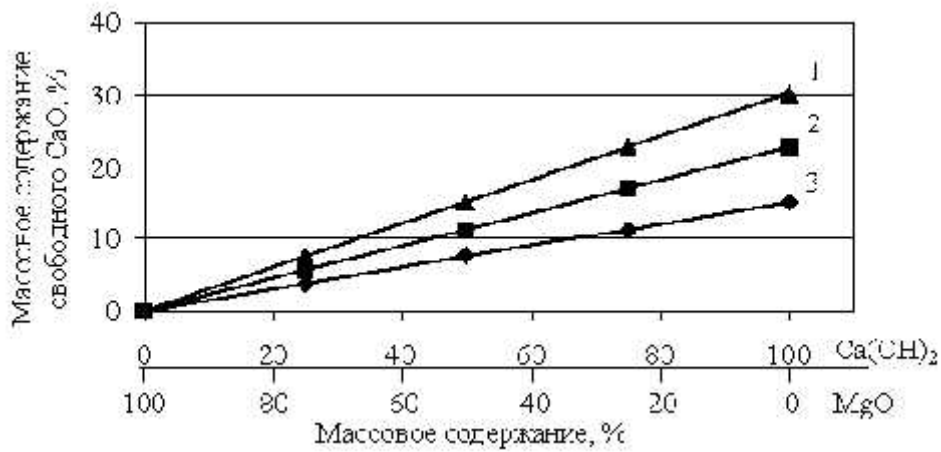
1223

)

()

. 5,

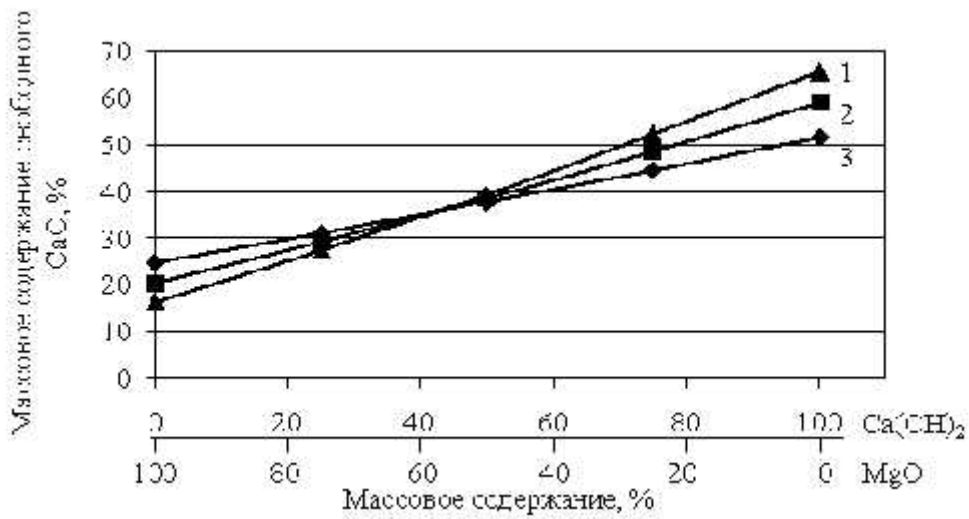
), . 4 5.



.4.

()₂ : MgO

3 ()₂ · aCl₂ · 12 H₂O (%): 1 – 65; 2 – 70; 3 – 80



.5.

()₂ : MgO

3 ()₂ · aCl₂ · 12 H₂O (%):
1 – 65; 2 – 70; 3 – 80

()₂ (

40 %),

1173

(40 %)

3 ()₂ · aCl₂ · 12 H₂O

()₂ : MgO

(

5 %), -

1 : 4 3 : 2.

: Mg : CaCl₂

1 : 4, (8 -

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