

850 (16) 700 (17)

MgO – MgCl<sub>2</sub>

(2)

MgO – MgCl<sub>2</sub>,

298 – 1200

MgO – MgCl<sub>2</sub>

1200

MgO – MgCl<sub>2</sub>.

: 1.

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The ways of intensification of limiting stage of process are defined basing on approaches for turbulent flow. The problem was solving for condenser of distillation units. The optimal design of vertical tube condenser with thin-layer film phase flow. The developed unit provides two kinds of enhanced phase flow thin-layer and film that lets to do free removing of gas separated flow liquid inside tubs. In this case the efficiency of heat transfer surface is increased.

[1 – 2],

40 %

NH<sub>3</sub> -

( ) [3].

( ),

W.

N,

W.

Q,

$$\frac{N}{Q} \cong KW^2$$

N/Q

« »

N,

[4 - 6].

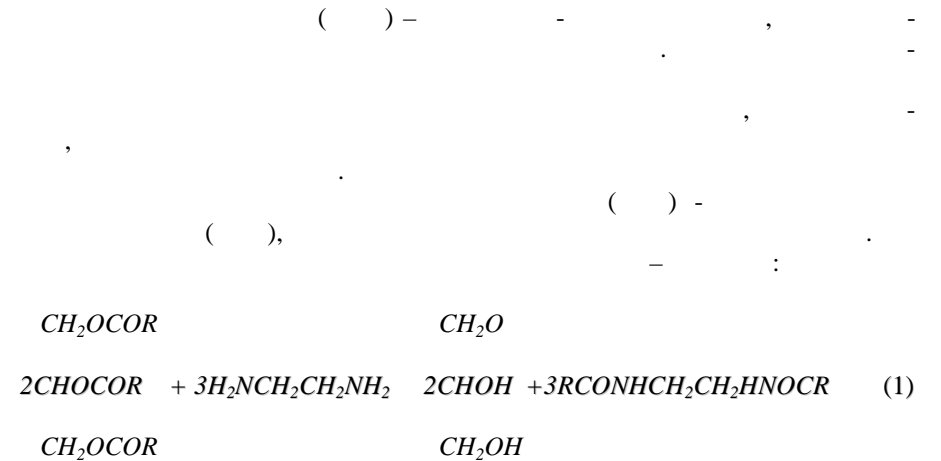
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The thermodynamic investigation of the reaction of acylglycerines with ethylenediamine was made. It was established that changes of free energies of reactions of amidation calculated by various methods were the same. It was found that taking into account of hydrogen bonds free energies of reactions of amidation of acylglycerine with ethylenediamine, aminoamide were different. In the raw TAG-DAG-MAG they are increased. If compared free energies of reaction of acylglycerine with EDA and AA it can be found that reaction with EDA is more energetically useful.



[1].

[2].