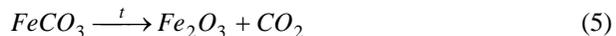
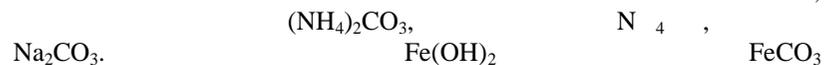


... , ... , ... « »

In the article the influence of ways of preparation of high-temperature catalyst of carbon monoxide conversion with water gas on physical and chemical properties of this catalyst is studied. Data of the investigations of pore characteristics of the catalyst are given. The activity of tested samples of the catalyst prepared by means of various ways is determined.



[1].



(II) , , « »

[2].

1. , , (II)

1

		$Na_2CO_3$	$(NH_4)_2CO_3$
Na, % .	0,08	0,05	0,035
K, % .	0,04	0,04	0,034
Cu, % .	0,007	0,0008	0,0008
Ti, % .	0,08	0,0014	0,0013
Mg, % .	0,09	0,025	0,055
Ca, % .	0,003	0,0008	0,0007

	S <sub>2/</sub> ,	3/							
		3/	%	100 Å	100-250 Å	250-500 Å	500-1000 Å	1000-10000 Å	10000 Å
NH <sub>4</sub> OH	53,1	266,36	53,0	4,93	82,83	74,93	39,44	36,98	27,11
(NH <sub>4</sub> ) <sub>2</sub> CO <sub>3</sub>	75,5	335,37	42,5	-	-	-	11,75	316,4	7,15
Na <sub>2</sub> CO <sub>3</sub>	54	446,23	68,2	10,32	30,17	60,99	123,91	191,95	28,89

1500 . , -3- , Q-  
 (300-500° )  
 [3].  
 (II) « 100».  
 3.  
 37

	(NH <sub>4</sub> ) <sub>2</sub> CO <sub>3</sub>	Na <sub>2</sub> CO <sub>3</sub>	Na <sub>2</sub> CO <sub>3</sub> «+» ( )
	350 ° 3/ .	1,1	1,3
-1		-	-
1,2		1,3	1,8

: 1. ,1998. 2. // « » 14  
 2003 . 3. // ,2003.- 3. 26.04.06