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:ADBD2020R\_2020051112525520200511125511101831001392

:2020-05-11 12:55:11

: 201701110208 12000kgh NaOH

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Springer

Taylor&Francis

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CNKI -

: 1900-01-01 2020-05-11

	23.7%		0%
引	23.7%	总	23.7%
单	5.6%	20091301-	- 20 NaOH
	[1070]		[4516]
	[1]		[253]
	[1]		[1070]
	[1070]		[1070]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0		0	0



(1)
201701110208 12000kgh NaOH
1.

1.	201701110208	12000kgh NaOH	4516
	23.7% (1070)	23.7% (1070)	(0)
1	20 NaOH	-	5.6% 253
	-	- 2013-05-13	
2	20091301-	- 20 NaOH	5.6% 253
	-	- 2013-06-19	
3	20111439_	_KOH	5.4% 246
	-	- 2015-05-19	
4			5.2% 234

	-	- 2014-05-07				
5					5.2%	234
	-	- 2014-05-16				
6	20103745-	-			5.2%	234
	-	- 2014-06-30				
7	80043113414717454_	15×104tNaOH	1		5.0%	228
	-	- 2018-04-28				
8	NaOH	&#x2d;	-		4.8%	215
	-	<a href="http://www.docin.com">http://www.docin.com</a>	- 2016			
9	10012430_	-			4.5%	202
	-	- 2014-06-09				
10	5.0 t/a	-			3.8%	173
	-	- 2016-04-29				
11	5.0 ta	-			3.4%	152
	-	- 2018-04-27				
12	20111433_	_KOH	-		3.1%	142
	-	- 2015-05-19				
13	12000t/aNaOH	-			3.1%	140
	-	- 2014-04-08				
14	20111421_	_KOH	-		2.5%	115
	-	- 2015-05-19				
15	1202 -	-			2.5%	115
	-	- 2015-03-19				
16	1202 -	-			2.5%	115
	-	- 2015-03-23				
17	1202 -	-			2.5%	115
	-	- 2015-03-23				
18	-1501 -	- - -			2.1%	95
	-	- 2018-06-03				
19	20102573-	-			1.4%	64
	-	- 2014-06-04				
20	096395_	-	1_	_1370242123198	1.4%	63
	-	- 2013-06-05				
21	096395_	-	1_	_1370242123198	1.4%	63
	-	- 2013-06-17				

12000kg/h NaOH

3172

0

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 ( ) 12000kg/h NaOH .....2  
 ( ) .....2  
 .....3  
 .....3  
 ( ) .....3

( ) .....3  
 1 .....3  
 2 .....4  
 3 .....6  
 4 .....7  
 5 .....7  
 6 .....7  
 .....10  
 .....10

( ) .....10  
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 .....11

12000kg/h NaOH

( ) 12000kg/h NaOH  
 1

/	T1=151.7	T1'=138.4	T2'=116.6
/	t1'=9.6	t2'=13.9	t3'=29.8
/	t1=142.1	t2=124.5	t3=86.8

/ T1=151.7 T1'=138.4 T2'=116.6  
 / t1'=9.6 t2'=13.9 t3'=29.8  
 / t1=142.1 t2=124.5 t3=86.8

2

Ti/	151.7	136.9	116.6	60.1
pi',kPa	340	180	20	20
ti/	142.1	124.5	86.8	
xi/%	15.1	20	30	
Wi/kg·h-1	2332.0	2425.0	2444.6	
D/kg·h-1	2507.5			
Si/m2	84.26	84.26	84.26	

Ti/ 151.7 136.9 116.6 60.1  
 pi',kPa 340 180 20 20  
 ti/ 142.1 124.5 86.8  
 xi/% 15.1 20 30  
 Wi/kg·h-1 2332.0 2425.0 2444.6  
 D/kg·h-1 2507.5  
 Si/m2 84.26 84.26 84.26

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1 NaOH  
 NaOH

2 NaOH NaOH NaOH

3 CAD NaOH

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1 12000kg/hNaOH

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3 \_\_\_\_\_

1 NaOH 12% 30%

2 500kPa 20kPa  
3 K1=1800W/ m2 K2=1200 W/ m2 K3=600 W/ m2

4 3.77kJ/ kg  
5 1.2m

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1 F=12000kg/h

W1:W2:W3=1:1.1:1.2

W= W1+W2+W3=7200kg/h

Wi— kg/h

2 P1=500kPa

3

P'/ kPa	340	180	20
T'/	137.7	116.6	60.1
r'/ kJ/kg	2155	2214	2355

P'/ kPa 340 180 20

T'/ 137.7 116.6 60.1

r'/ kJ/kg 2155 2214 2355

1 \_\_\_\_\_ NaOH

tA1=143 tA2=125 tA3=78

2 \_\_\_\_\_ 1.2m

NaOH  
4 NaOH

/ %	14.67	19.41	30
/ kg/m3	1120	1290	1460

/ % 14.67 19.41 30

/ kg/m3 1120 1290 1460

3

1

500kPa 151.7 2113kJ/kg 3

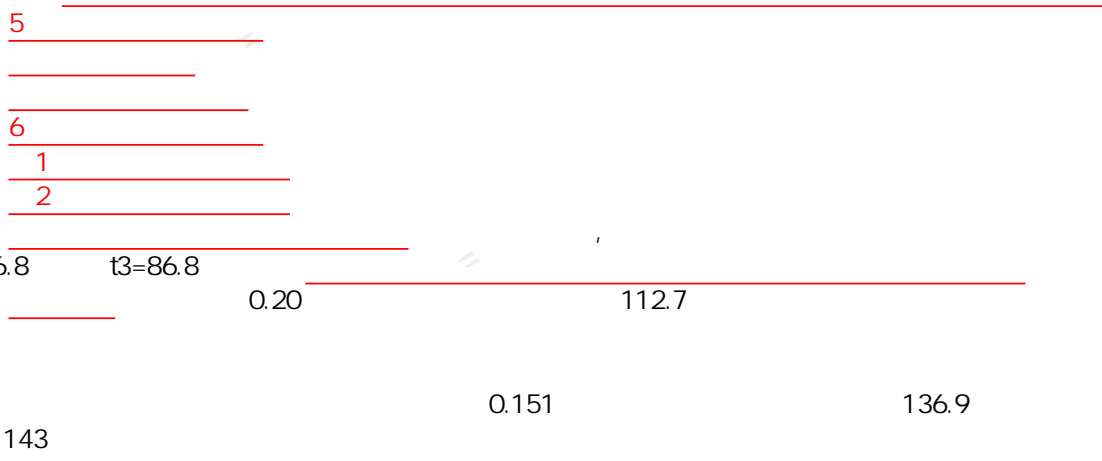
D1— kg/h

1

2

3  
4  
1 2 3 4  
D1=2618.7kg/h  
W1=2461.5kg/h  
W2=2486.1kg/h  
W3=2413.8kg/h

4  
: i W/ m2  
: i  
: i m2  
K1=1800W/ m2 K2=1200 W/ m2 K3=600  
W/ m2



5

/	T1=151.7	T1'=138.4	T2'=116.6
/	t1'=9.6	t2'=13.9	t3'=29.8
/	t1=142.1	t2=124.5	t3=86.8

/ T1=151.7 T1'=138.4 T2'=116.6  
/ t1'=9.6 t2'=13.9 t3'=29.8  
/ t1=142.1 t2=124.5 t3=86.8

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1  
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1 2 3 4

D1=2507.5kg/h  
W1=2332.0kg/h  
W2=2425.0kg/h  
W3=2444.6kg/h

0.05

4

S=84.26m2

5

Ti/	151.7	136.9	116.6	60.1
pi/kPa	340	180	20	20
ti/	142.1	124.5	86.8	
xi/%	15.1	20	30	
Wi/kg·h-1	2332.0	2425.0	2444.6	
D/kg·h-1	2507.5			
Si/m2	84.26	84.26	84.26	

Ti/ 151.7 136.9 116.6 60.1  
 pi/kPa 340 180 20 20  
 ti/ 142.1 124.5 86.8  
 xi/% 15.1 20 30  
 Wi/kg·h-1 2332.0 2425.0 2444.6  
 D/kg·h-1 2507.5  
 Si/m2 84.26 84.26 84.26

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2011-01-24

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 <http://check.cnki.net/>

 <http://e.weibo.com/u/3194559873/>

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