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0431- 88913439 88975139

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0431- 88956092

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0431-88971315

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0431-88972663 81213099

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0431- 88955461

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0431- 89359656

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0431- 88976967

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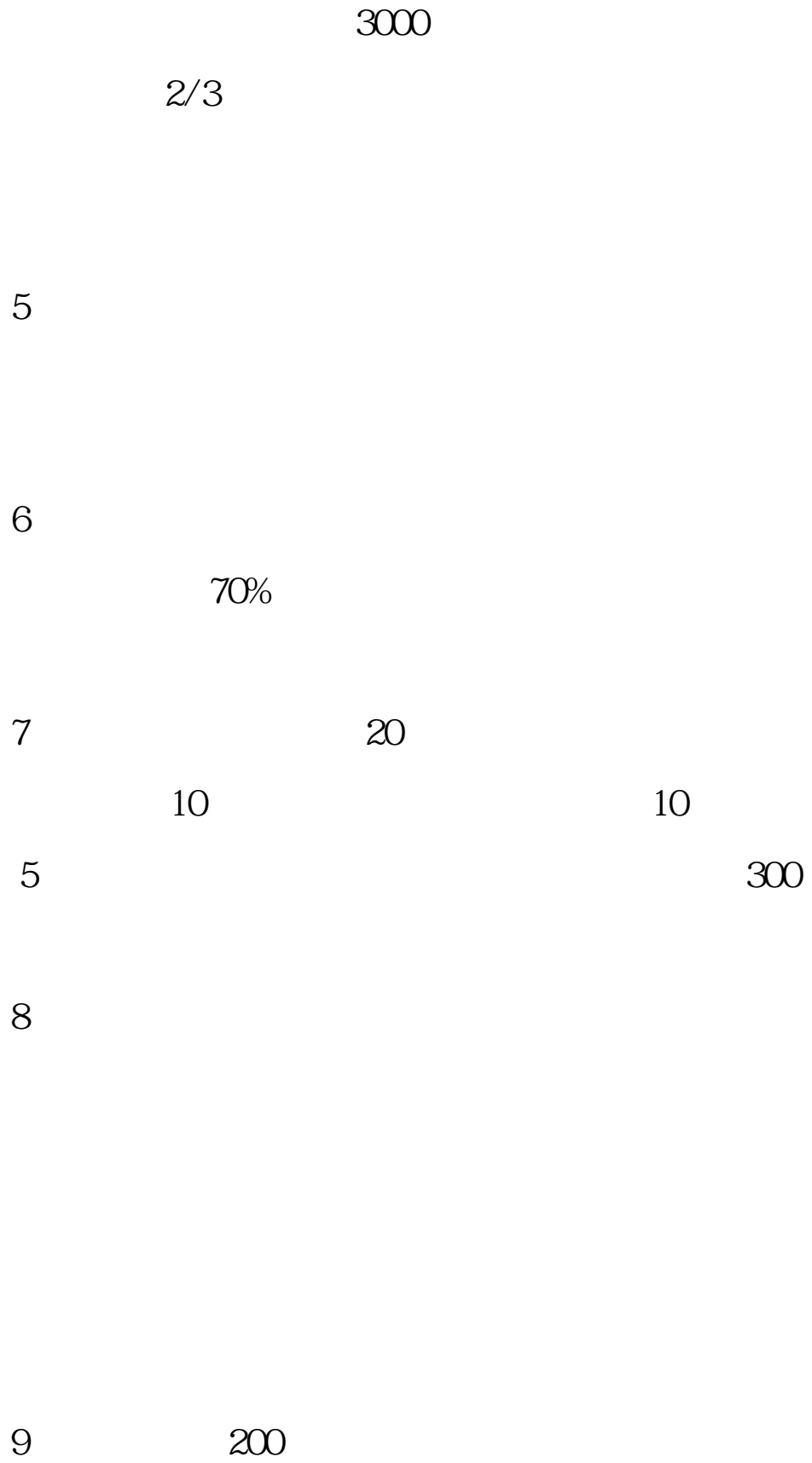
3

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2 2014 0



10

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“ ”

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0431- 88979697

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0431- 88973493

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0431- 88975596

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0431- 88972482 88955405

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0431- 88550905

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0431- 88975596

0431- 88975413

0431- 88955405

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0431- 88550905

2016

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6
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0431- 88973493

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0431- 88975596

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0431- 889754413

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0431- 88935899 89359765

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0431- 88550905

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0431- 88550905

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0431- 88973493

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0431- 88972482 88955405

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0431- 88550905

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0431- 88973493

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0431- 88975596

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0431- 88975413

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0431- 88972482

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0431- 88550905

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1

“

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2

2013

3

4

60%

5

2005

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300

30%

10%

5%

5000

6

7

“

”

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2015

2016 3

3

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5

<http://kj.t.jl.gov.cn> 2016

4

0431-88910207

0431-89359765

1

1

2

3

4

2

[2013] 67

3

1

[2013] 67

3

2

3

4

4

1

50- 100 /

800- 1000 /

50- 300 /

100- 300 /

50- 100 /

50- 100 /

50- 1000 /

500- 1000 /

50- 100 /

50- 150 /

50- 100 /

2

.

1

2

50%

3

.

1 1 2
2 3
1 1
62
57
3 1
2
1
2 1 “
”
4
5
.
1
2

3

4

2

5

3

4

5

6

2

1

<http://kj.t.jl.gov.cn>

2

<http://www.jlkjxm.com>

3

0431-88975536

4

0431- 89101521 89101522 89101523

5

1244

0431- 81818191

0431- 81818192

j l spps@163. com

2016

1

1

1

1

2

1

1

2

$976 \pm 1 \text{ nm}$

3

1 nm

4

0.01 nm'

5 500 W

6 1

2

1

2

1

10

2 820 900 nm

3 10°

4 1 W

5 10 W

6 1

3

1

2 5

2 5

2

1

1

2

2 5 μm

3

100 W

4

10 dB

5

M^2 1.5

6

1

4

1

2

1

1

2

3.0 4.3 μm

3

2 W

4

10 ns

5

200 kHz

6

1

5

1

CO₂ NO₂ SO₂

2

1

1

2

CO₂ NO₂ SO₂

3

50 10000 ppm

4

5 s

5

1

6

1

2

1

1

2

0.5 nm

3

1 Hz

4

X Y ± 0.5 m

5

1

2

1

2
 1
 2 0.3 g/cm³ 2 MPa 0.065
 W(m K)
 3 350
 4 450 /5 min
 5 1
 3
 1

2
 1
 1000
 2 ISO 14855-2
 3 2 4
 4 10μ m 15 MPa,

2
 1
 2 5cN/dt ex 40cN/dt ex,
 1.5 g/cm³
 3 300 85%
 4 2000
 90%
 5 3× 10⁹ rad
 90%
 6 1
 6
 1

2
 1

1

1

2

1

2

100

5000

3

GIS

4

10

3 5000

4 1

5

6 1

3

1

2

1

1

2 10

1000

3 1.5

3000

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6

7

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4

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1

6

2

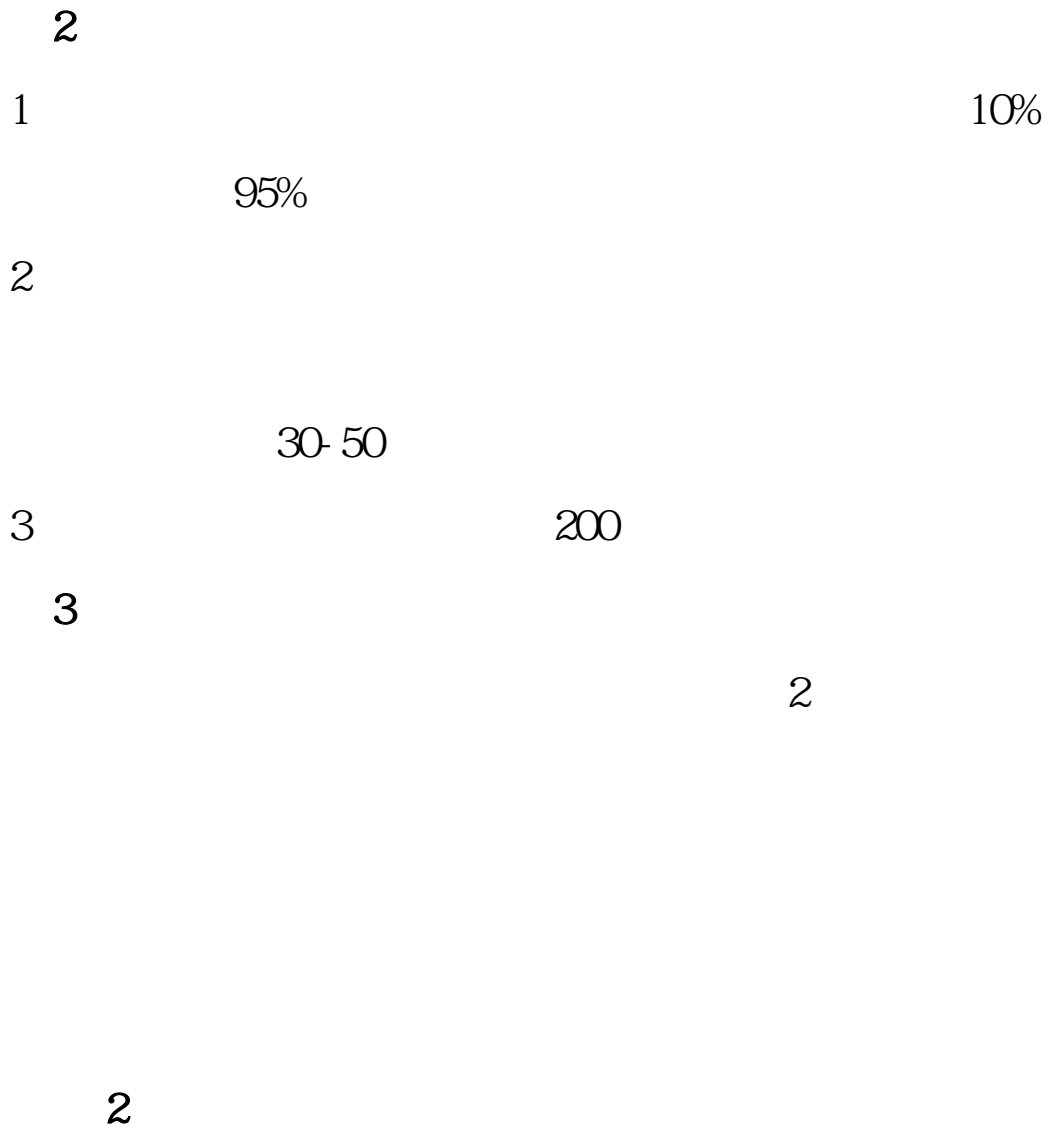
5

1

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2
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3
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5
6
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1
3000
10
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2
3
4
5
3

2-3
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2-3

1

3

1

1

2

3

2

1

500

2

5-8

3

1-2

7.5 /

3%

110-120

2400)

5%

MR

23%

;

3

‰

126

2650)

23%

3

5

1

1

2

2

5
1
1
1
2
3
4
2
1 500
200
2
170%
3

3

2

1

1

2

3

4

2

1

500

20

2

500

18- 24

500 kg

2- 3

3

5

4

2- 3

3

3

1

1

2

3

4

5

2

1 5000- 6000

“

” 1

2 20

3

90%

1

4

1

80%

4

2-3

10%

20%

5

10%

15%

3

5

1

1

2

3

4

2

1

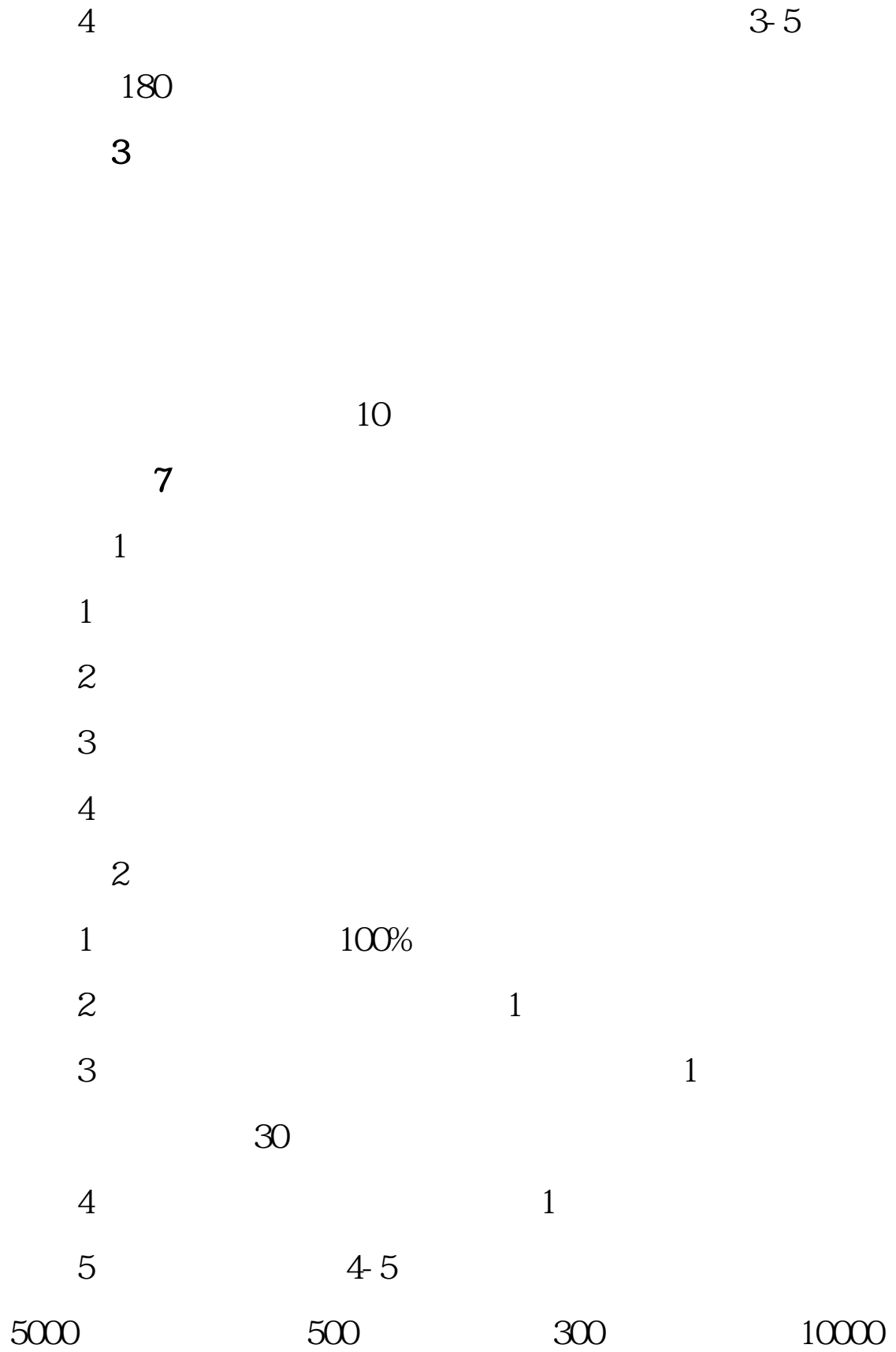
2

3

4

2

		70%	90%
	80%	1.5%	
3			
		100	5
		5%	
			12% 15%
	1		
5			
	6		
	1		
1			
2			
3			
4			
	2		
1	2-3		
2	2-3		
3	2-3		



3

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8

1

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7 8 9

2

3

4

2

1

2

2-3

3

4

2-3

3

12

6

1

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 1
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 2
 3
 2
 1 2-3
 2 2
 3 100
 4 100

3

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30-40

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70%

3

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90%

4

1-2

5

50

3

4

1

1

2

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4

2

1.

500

2	1	8%	12%
3			
90%			
4	60		
10			
3			
5			
1			
1			
2			
3			
2			
1	80		
2	>11.32 g	>1.86 g	
>16.43%			
3		1	
>50%			
4	1-2	8	

10 >70% 1
5 3

7

1. 70

2. 70

3. 60

1. “ ” 70

2. 60

3. 70

8

1

1

MEA

CPU

2

1

3

2

1

3

1

4

5- 50 W 100- 300 W

5- 24 V

306

V

2

1

3

2

1

3

1

500 m² ;

4

LED

300 nm 1000 nm

LED

20 cm 500 μmol / (m² s)

100 lm/W

0-160

5

3

1

50 ng/m³

100%

4

-

1

-

2

1

3

2

1

3

1

4

30.5 kg/

82.35 kg/

1.14 kg/

6

1

2

1

3

2

1

3

1

4

30

500

kg

40%
7
1

2
1 3
2 1
3 1
4

10%
5%
20%
10%

9
1
1

PVC

2

1

3

2

1

3

1

4

E_0 0.2 ng/l

30 MPa

5000 MPa

24h

0.1%

0.01 mm

12 Wm²

0.88 g/cm³

2

1

75%

2

1

3

2

1

3

1

4

U

0.2 Wm² K

mm C15 C30 5 mm 50
20% 2 h 4 mm/s
30% D50

30% : C15 C30 pH 8
4
1

D50 1000 kg/m³ 30% M5.0

30 MPa 14%
30%

5

1

2

1

3

2

1

3

1

4

10

n₅₀ 0.6 /h

0.5

Wm²K

6

1

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2

1

3

2

1

3

1

4

1

5

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7 EPS

1

EPS

2

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500 m²

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	0431- 89634220
2	5- 7
	0431- 88975596
3	8- 9
	0431- 88975413
4	10- 12
	0431- 88972482
5	0431- 88550905