
Engineering Materials

176101021

3

48

2.5

/

2016 8

1

ISBN

978-7-5641-6460-7

30%

70%

2003.07

1992.06

2010.09

2010.09

2011.08

176101021

48

42

6

2.5

2017 2

1.

2.

1.

1.2/H

2.

- -

2.4/H

3.

4.2/M

1.	1.2	1
2.	2.4	2
4.	4.2	3

1

1.
2.

+

1		1				3
2		2		2		4
3		6		2		8
4		6				6
5		6		2		8
6		6				6
7		3				3
8		3				3
9		3				3
10		3				3
11		3				3

1.

2.

3.

3

“ ” “ ” “ ” “ ”

“ ” “ ”

1.

2.

3.

4.

5.

6.

7.

8.

		/
	20	20%
	10	10%
	70	70%

		20%	10%	70%	
1		40%	10%	30%	30
2	- -	50%	20%	60%	54
3		10%	70%	10%	16
		100%	100%	100%	100

20%

40%

40%

4

1			50%	40 30 20 10
2	- -		40%	20 50 30
3			10%	30 10 60

2015 2

2017 2