

Granularity number & Basal granule size

Written by YingLong

Tuesday, 10 October 2006 20:22 - Last Updated Friday, 17 September 2010 17:00

2、 The Grit-Number and Granule-size of Synthetic Diamond or CBN(Cubic Boron Nitride):

(1).Original criterion of Industry Department(JB2808-79)

Grit-Number

Size(μ)

Grit-Number

Size (μ)

36#

500 400

W40

40 28

46#

400 315

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W28

28# 20

60#

315# 250

W20

20# 14

70#

250# 200

W14

14# 10

80#

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200 160

W10

100 7

100#

160 125

W7

7 5

120#

125 100

W5

5 3.5

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150#

100 80

W3.5

3.5 2.5

180#

80 63

W2.5

2.5 1.5

240#

63 50

W1.5

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0.5

#

40

.0

following

.5

following

(2).Criterion of China(GB6405-86)

Grit-Number

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Size(μ)

Grit-Number

Size(μ)

30/35

600 500

0-0.5

0 0.5

35/40

500 425

0-1

0 1

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40/45

425 355

0.5-1

0.5 1

45/50

355 300

0.5-1.5

0.5 1.5

50/60

300 250

0-2

0 2

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60/70

250 212

1.5-3

1.5 3

70/80

212 180

2-4

2 4

80/100

180 150

2.5-5

2.5 5

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100/120

150 125

3-6

3 6

120/140

125 106

4-8

4 8

140/170

106 90

5-10

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5 \square 10

170/200

90 \square 75

6-12

6 \square 12

200/230

75 \square 63

8-12

8 \square 12

230/270

63 \square 53

10 \square 20

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10 20

270/325

53 45

12 22

12 22

325/400

45 38

20 30

20 30

Wider range

22 36

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22 36

30/40

60 425

36 54

36 54

40/50

425 300

60/80

250 180

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