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 • • ( , , , , , )

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 ;  
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 : ,

# 1.

•  
 , , ,  
 •  
 , , [1].  
 , [2]  
 , ;  
 [3].  
 ,  
 •  
 , ( ) [4].  
 , ,  
 [5].  
 ,

•  
 , , 2/1 [6],  
 ( ) ( )  
 1:3 1:100)

0,75<sup>3</sup>.  
 ,  
 ,  
 (N).  
 (N).

1.

/	<i>W</i>	<i>W</i>	<i>N</i>
1	0,625	987,5	0,43
2	0,625	1560	0,44
3	1,0	1600	0,27

[7]

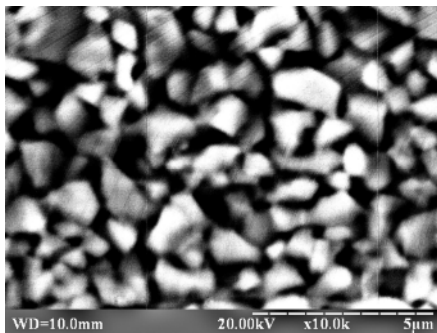
, 106 , « ».  
 Megran

[8].

2.

2/1

.1, — .2 , , .



. 1.

2/1

,

0,5–2,1  
 -0,5+0  
 1 - 46 %.  
 ( 2)

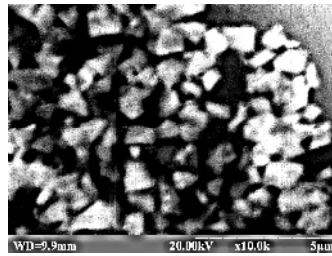
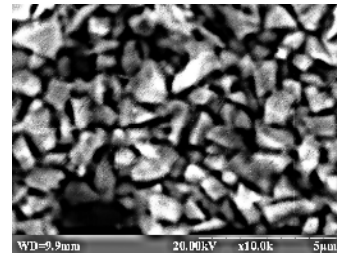
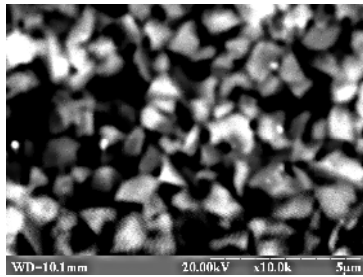
0,1–1,7 ( .3).  
 1 %, ,

( 60%).

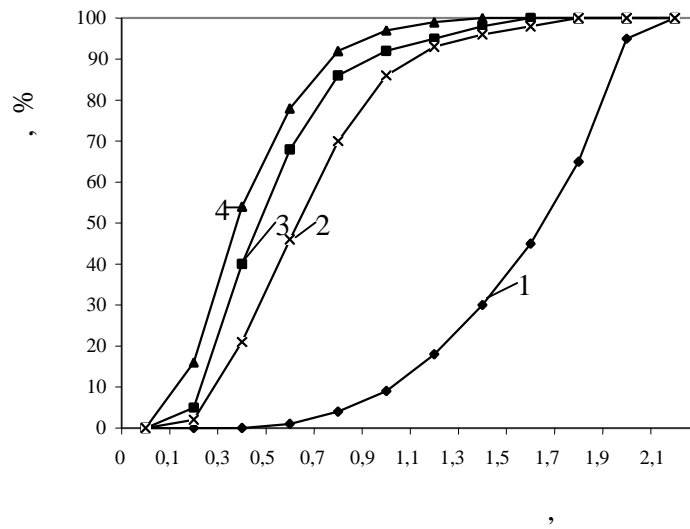
2 ( 3)

78%.

[9]. ( )



2. 2/1  
1 ( ); 2 ( ); 3 ( )



3. 2/1:  
-1; 1  
(2); 2 (3); 3 (4)

( )

,  
 .

2/1.

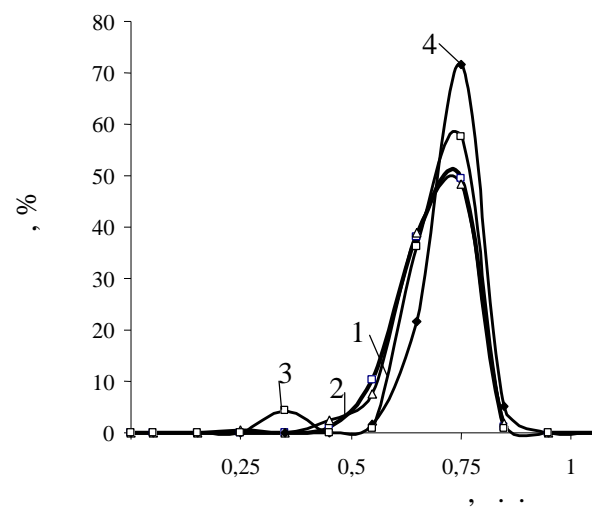
,

—  
 [7].

$$4 F = \frac{4 \pi S}{P^2}, \quad S -$$

,  $P -$  0,2 1,0

.4.



. 4.

2/1

( ):  
 1 (2); 2(3); -1; 3 (4)

0,45 0,85 ( .4, 1).  
 ( 2).

1560 ( 2, 3)  
 : 0,25–0,45 0,55–0,85

1600  
 ( 3, 4). 0,65–0,85  
 ~99 %

3,5

$$- 1,2 \cdot 10^{-8}, \quad \frac{3}{2/1}.$$

31

