

662.312.1

. . , . . , . . () , .) ,
 . . , (, .)
 ,
 . : , , .
 ,
 : , , .

Distributing of diphenylamine content on separate gunpowder grains and on layers from the center of channel to the external surface, as well as diphenylamine distributing on gunpowder tube length is investigated.

Keywords: diphenylamine, concentration distributing, gunpowder element.

-
 .
 , : ();
 (-
);
 ;
 ();
 ();
 (, ,
 75 °);
 () [1].

,
 ,
 ;
 ,
 .
 [2].

, (, , ,)

, , [3, 4].

, N- 75 ° . N-

— 54,0 ° , 9/7, () 37/1 , 1986, 1973. 37/1

5 9/7 10 10 5 , (37/1) ()

, [5].

N-

9/7.

N-
, %

	N-		N-
1,34	0,32	1,57	0,30
1,00	0,28	1,32	0,32
1,03	0,26	1,45	0,30
1,00	0,31	1,56	0,32
1,32	0,32	1,31	0,37

1,34 (%) - 1,00
 0,32 N- (%) - 0,26
 - 0,26 0,30 0,37
 N- - 0,02 (6,45 %), 0,17 (13,0 %),
 N-

37/1 .

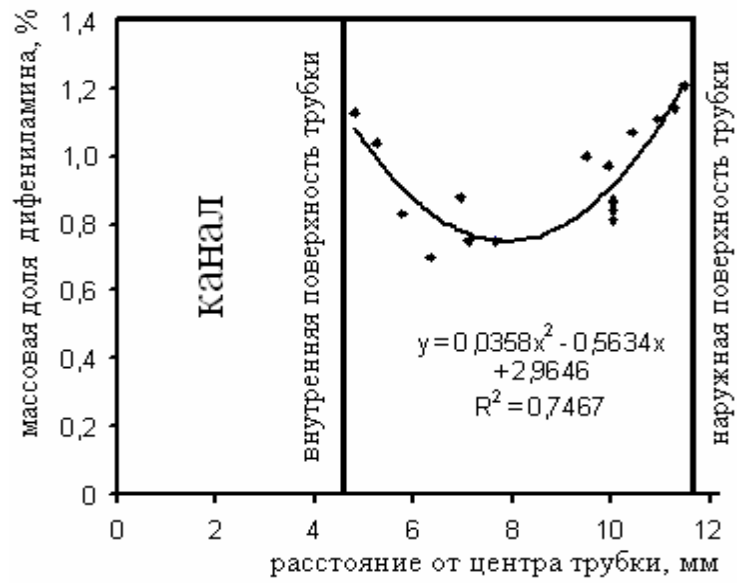
N-

10

2

20 (10)
1,9 %

()



1. (), 1935. – 154 .
 2. / [. . .] // . С . II. – 1976. – 4 (47). – . 22–25.
 3. . . . , 1987. – 312 .
 4. / . . . // –1986. – . 28. – 4. – . 727–733.
 5. . 2991 , 06 25/00, G 01 N 30/02.
- 26.02. 04; . 15.09.06, . 9. – 4 . () ; . – 2004021404; .

17.02.2011 .