

[1]. 0 3 - 4 % , 100 % 10 % -

10	132	80	7	5	70	56,0
11	076	5	2	2	10	55,9
12	132	50	10	4	10	56,0
13	153	95	20	2	10	55,8
14	153	8	10	10	10	55,6
15	154	95	10	5	10	55,2

0,5 %  
1,5 %.

5 %,

93

8 11,  
5 %,

( . )

1. - 1978, 65 ; 2. - 1963, 208 ;  
3. 1970, 73 - 76; 4. - 1989, 160 ;  
5. - 1987, 412 ; 6. - 1965, 218 ; 7. - 1991, 183 ; 8. - 1972, 378 .

1	254	100	15	40	20	54,0
2	200	20	2	30	60	56,1
3	200	15	2	15	10	54,7
4	164	40	40	20	20	55,0
5	176	40	10	5	10	56,9
6	185	100	6	15	10	56,0
7	176	95	10	5	10	55,9
8	314	5	2	5	10	55,0
9	132	95	4	2	10	54,8

661.566

18. 04.06

1970 2002 . , 70-

In this article the areas and deposits of platinum group metals are determined/ the consumption of platinum during the period since 1970 till 2002 is analyzed. Now the main consumers of platinum are automobile industry, jewelry as well as chemical industry which at the beginning of seventies took the first place as for platinum consumption. Platinum is the best catalyst not only for chemical industry but for oil industry.

Johnson Matthey Plc, 2003  
0,5 % , 205 ,  
14,9 . 2003  
30 , 1 40 1  
60 . 2003  
1980  
(II) [1].

0,05...0,09 . - 93 % Pt, 3 % Rh 4 % Pd. 5...10%.

1...2 %  
: 92,5 % Pt, 7,5 % Rh  
( [2],

1973 21 [3],  
( . . 1).

	, %
	10
	35
	18
	17
	11
	3
	4
	2

1976 ( . .  
2): 6 ,  
50 !-

( ) ,  
1976 . 2

	, %

	51,7
	13,2
	11,85
	6,75
	9,5
	2,3
	3,1
	1,6

	1,15	2,31
	7,15	14,4
	100	201,6

80- .3  
 201,6 2002 ( .4),  
 -74 , -80  
 [5], 36,7 % 39,68 %  
 191,6 2001  
 1982 . [4].

	, %
	56
	9
	10
	13
	3
	3
	2
	7

	2002 .	
	%	
	36,7	74,0
	4,57	9,20
	1,96	3,96
	5,21	10,5
	3,58	7,23
	39,68	80,0

1985. - 327 . 2.  
 1999. 368 . 3.  
 1982 - 383 . 4.  
 ( ) - : , 1991. - 415 . 5. Platinum. // Platinum Metals Review. 2003. - V.47.  
 - 4. - p.23-34.  
 14.04.06  
 97  
 , ( )

On the basis of research of structural-mechanical properties and sensor analysis is scientifically proved the formula of re-structured semi-finished product from melon. The results of research are used for improvement of existing technology.

[1].