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### Zn-Pb

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The corrosive properties of a zinc-lead anodic alloy obtaining by high-speed melt-hardening method with the application of direct current has been investigated in this paper. This alloy permits to apply for anodes of dry alkaline batteries.

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3 % [1];

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, In, Te,

Bi, Cd, Sn, Pb [2]. [3]

Zn-Cd-In-Mn, , —

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 [4].  
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 1 % ,  
 . 10 – 12  
 0,2 – 0,3 Zn – 1 %  
 "Melt drag" [4],  
 ~ 200 ,  
 , .

5 – 20 .

(6 % HCl).

1

24 – .

$$V = \frac{\Delta h_2 - \Delta h_1}{m \cdot \ddagger}$$

$V$  – , .  $2/(\cdot)$ ;  $\Delta h_2$   $\Delta h_1$  –

;  $m$  – , ;  $\ddagger$  – , .

Zn – 1 % Pb

8 – 10

Zn – 1 % Pb

6 % HCl

	5	15	25
	, V		
	0,65	0,92	1,63
	0,34	0,35	0,37
	0,26	0,27	0,29

[5].

1 %

: **1.** . N60-84766. (4) 01 , 4/42, 22 18/00. **2.** . N2170946. : 13. (4) / 4/42. **3.** *K.Miyazaki, K.Kajawa* // Progress in Batteries and Solar Cells. 1987, Vol.6, p. 110-112. **4.** . 1998. 446 . **5.** , 1986. 375 .

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