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Pb-Sb

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Comparative analysis of thermal fields of blanks from alloy Pb-Sb and AD in the mold coatings FU.

We study the temperature field blanks of lead and aluminum alloys in the mold with variable cross section. At the same height of blanks, and a fixed temperature.

[1]

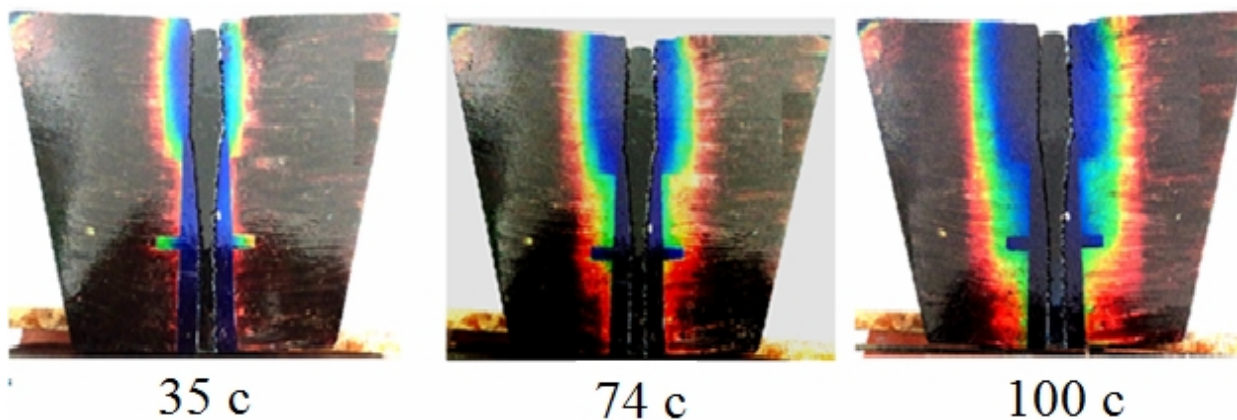
50%

1.

2.

3.

1. ;
2. Pb – Sb, ;
3. ;
4. ;
5. 730 .
6. «Panasonic DMC –FS42» ,



.1.

Pb-Sb.



.2.

27-33°C.

27°C .

28 °C .

29 °C .

30 °C .

31 °C .

32°C .

33°C .

Pb-Sb ,

() .

27-33°C

26°C ,

161° .

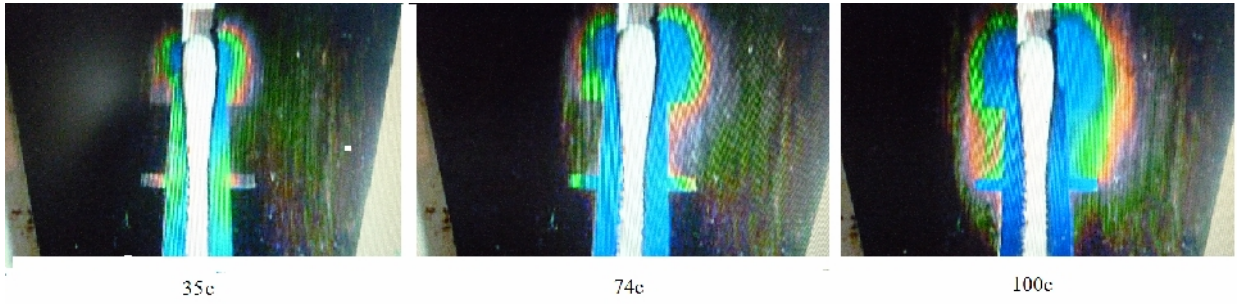
.1

.1- 35

() .

33°C .

. ,
 ,
 .1. 74 , 100 .
 ,
 .1.
 .1 .2
 ,
 .
 , 161°C .
 33°C (.2 35) (.3. 35)
 45° . 70°
 120° 6
 47° ,
 100° .(-90).



.3.



.4

40-47°C.

40°C . 41 °C . 42 °C . 43 °C .
 44 °C . 45°C . 46°C .

300

33° .

300 - 61° .

24°

30° (6°)

61° 74° (13°).