



**PULP AND PAPER RESEARCH INSTITUTE**  
Qualified Laboratory of CEPI-CTS  
EN ISO 9001:2008

*Testing Laboratory of Materials and Products*  
*Department of Chemical Products*

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**TEST REPORT**  
No. 00040/25/2013

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Date: 18.09.2013

**Client:** EMBA, s.r.o., 512 47 Paseky nad Jizerou, Czech Republic  
**Sample:** Archival board LAURENT  
**Date Received:** 03.08.2013  
**Dates Commenced:** 02.09. – 09.09.2013  
**Test specification:** ISO 16245 Information and documentation – Boxes, file covers and other enclosures, made from cellulosic materials, for storage of paper and parchment documents

The results shown in this Test Report refer only to the sample tested. This Test Report cannot be reproduced, except in full, without prior written permission of the Pulp and Paper Research Institute, Bratislava.

*Opálená*  
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**1. Test methods:**

No.	Parameter	Test method
1.	Moisture content	ISO 287
2.	Alkali reserve	ISO 10716
3.	Kappa number	ISO 302
4.	pH aqueous extract (cold)	ISO 6588
5.	Bleeding	ISO 16245
6.	Bulk density	ISO 534
7.	Cobb <sub>60</sub>	ISO 535
8.	Tensile strength	ČSN 50 0340

**2. Test measuring instruments:**

No.	Instrument	Identification number
1.	Analytical balance Mettler Toledo AE 240	117/21
2.	Analytical balance Sartorius	014A/13
3.	pH meter Precision OP-208/1	003/12
4.	Thickness gauge	014A/15
5.	Instron	014A/10

Climate conditions: temperature 23°C/relative humidity 50%

**Test results:**

No.	Parameter	Unit	Mean value
1.	Moisture content	%	6,5
2.	Alkali reserve	mol/kg	0,74
3.	Kappa number	-	4,6
4.	pH aqueous extract (cold)	-	7,7
5.	Bleeding	-	none
6.	Bulk density	g/cm <sup>3</sup>	1,01
7.	Cobb <sub>60</sub>	g/m <sup>2</sup>	16,0
8.	Tensile strength paper machine direction	MPa	30,0
9.	Tensile strength cross direction	MPa	14,4

**Conclusion:**

The tested product complied with the requirements contained in standard ČSN ISO 16245.

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