



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

*Testing Laboratory of Materials and Products
Chemical Testing Laboratory*

TEST REPORT

No. 00016/25/2014

Pages: 3
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Date: 21.02.2014

Client: EMBA, s.r.o., 512 47 Paseky nad Jizerou, Czech Republic

Sample: Archival board Klement

Date Received: 13.02.2014

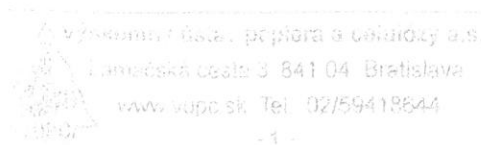
Dates Commenced: 18.02. – 20.02.2014

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.

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Prepared by: Ing. Elena Opálená
Head of CHTL



1. Test methods:

No.	Parameter	Test method
1.	Alkali reserve	ISO 10716
2.	pH aqueous extract (cold)	ISO 6588
3.	Bleeding	ISO 16245
4.	Optical brightening agents	ISO 16245
5.	Bulk density	ISO 534
6.	Cobb ₆₀	ISO 535
7.	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.	Alkali reserve	mol/kg	1,09
2.	pH aqueous extract (cold)	-	7,9
3.	Bleeding	-	none
4.	Optical brightening agents	-	None
5.	Bulk density	g/cm ³	0,93
6.	Cobb ₆₀	g/m ²	16,4
7.	* Tensile strength	MPa	-

* Tensile strength can not be measured, since the values are higher than the measuring range of the instrument Instron (50 – 500 N).

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