



100% RECYCLED PAPER PACKAGING MATERIALS: PROCESSING, PROPERTIES AND POTENTIAL APPLICATION

L Vikele, L Rozenberga, I Sable, M Skute, L Vecbiskena,
U Grinfelds, J Zoldners, A Verovkins and R Treimane

Latvian State Institute of Wood Chemistry
27 Dzerbenes St., Riga, Latvia

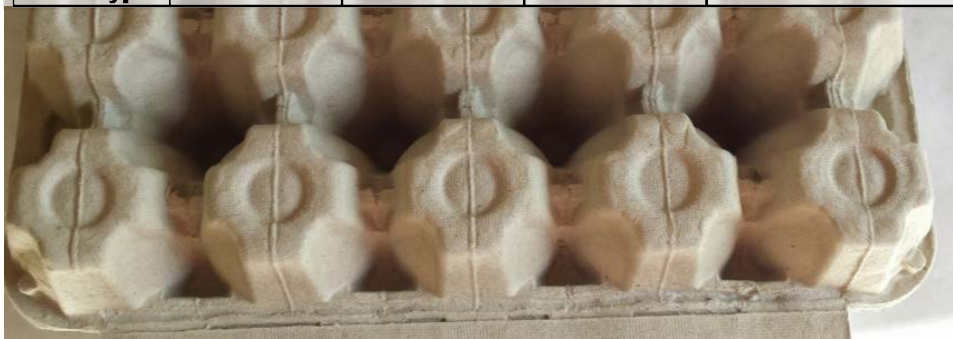


COST Action FP1205: **Cellulosic materials – processing, properties and promising applications**

Sep 22nd – Sep 23rd 2016, Budapest, Hungary

ERDF "Investigation of ecofriendly molded paper fibre materials for use of food packing with additives from renewable resources", No. 2DP/2.1.1.1.0/14/APIA/VIAA/042

Sample	Grammage, g m^{-2}	Tensile index, Nm g^{-1}		Air permeability, ml min^{-1}
		Dry	Wet	
A	428 ± 7	3.5 ± 0.2	2.52 ± 0.13	610 ± 12
B	593 ± 9	5.41 ± 0.13	0.43 ± 0.08	635 ± 21
Prototype	514 ± 6	6.3 ± 0.4	3.8 ± 0.3	630 ± 17



- ✓ *Recyclable*
- ✓ *Waterproof*
- ✓ *Antimicrobial*
- ✓ *Biodegradable / Compostable*

