Versuchs- und Lehranstalt für Brauerei in Berlin e. V. / Seestraße 13 / 13353 Berlin

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Verpackungsprüfstelle
Vertragslaboratorium des
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	27.05.2025	VP/Do	+ 49 (30) 4 50 80-242	11.06.2025

REPORT ABOUT THE TESTING OF ADHESIVES

Test report no.:	VP-TR-203/25
This test report consists of:	2 pages (page 1 of 2)
Client:	Addressee
Test item:	1 sample glue
Date of sampling:	no declaration
Location of sampling:	no declaration
Sampling plan:	no declaration
Sampling procedure:	no declaration
Date of receipt of sample:	28.05.2025
Condition of sample	proper
Date(s) of permanence of test:	03.06.2025 – 05.06.2025
Test Characteristic(s):	Solubility
Test method:	PETCYCLE – testing instructions - Revision 7 / 29.08.2024 (N)
Journal no.:	203
Producer	Alphabond
Product (acc. to declaration):	179

A : accredited
N : not accredited
U : subcontracting to accredited testing laboratory
F : not accredited, outsourcing to accredited testing laboratory

The test results exclusively refer to the examined samples, as they were received.
Only unaltered copies of the test report are allowed. Copying of extracts of the test report needs previous authorization in writing by the Research and Teaching Institute for Brewing in Berlin (VLB).

Test results

The tests are determined according to the PETCYCLE – testing instructions, Revision 7 (N)

Test conditions

Glue-coating:	50 µm
Sodium hydroxid (without sieve):	Volume 500 ml; Concentration 2,0 %; Temperature 80 °C
Motion:	Magnetic stirrer 500 rpm
Dwell time in the caustic solution:	10 min

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Weight of the PET-Stripes			solubility [%]
PET-stripes without adhesives [mg]	PET-stripes with adhesive [mg]	PET-stripes after washing-up and drying [mg]	
688,2	722,5	689,0	97,7
778,6	822,8	778,7	99,8
645,0	712,1	645,2	99,7
		Average, x̄	**99,0**

Remarks

Discoloration of the PET-stripes and/or caustic solution:	No
Adhesive comes off in pieces:	No

With kind regards

RESEARCH AND TEACHING INSTITUTE FOR BREWING IN BERLIN (VLB)
Research Institute for Management and Beverage Logistics
Testing Laboratory for Packaging

M.Eng./Dipl.-Ing. Susan Dobrick
Head of Packaging Laboratory

Florian Heukäufer, M.Sc.
Research Assistant

This analysis report was issued electronically and verified by F. Heukäufer and is therefore valid without signature.