

TEST REPORT

APPLICANT: WOCA DENMARK A/S
TVAERVEJ 6
DK-6640 LUNDERSKOV

DATE : SEPTEMBER 27, 2017

ATTN: /

SAMPLE DESCRIPTION:

THE SUBMITTED SAMPLE SAID TO BE:

SAMPLE DESCRIPTION : **WOCA FURNITURE LACQUER**
COLORS : NATURAL
TESTING STAGE : PRODUCTION SAMPLE
REASON FOR REVISION : CHANGE THE APPLICANT NAME AND SAMPLE DESCRIPTION TO WOCA FURNITURE LACQUER AS PER CLIENT REQUEST.

TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGES.

CONCLUSION:

<u>TESTED SAMPLE</u>	<u>STANDARD</u>	<u>RESULT</u>
SUBMITTED SAMPLE	COLOURFASTNESS TO LIGHT - AATCC 16-2014	DATA
	MEASURING ADHESION BY TAPE TEST - ASTM D3359 – 2017	DATA
	FILM HARDNESS BY PENCIL TEST - ASTM D3363-05 (2011)	DATA
	EFFECTS OF EXTREME TEMPERATURE AND HUMIDITY TEST – ITS-M007	DATA
	TOTAL LEAD (PB) CONTENT – U.S. CFR TITLE 16 PART 1303 (CPSC REGULATIONS)	PASS
	FOOD SAFE CONTACT USE – U.S. F.D.A REGULATION PART 21 CFR 175.300 CLAUSE C4	PASS

PREPARED AND CHECKED BY:
FOR INTERTEK INDONESIA



TAUFIQ URAKHMAN
HARDLINE LAB MANAGER

(THIS REPORT SHALL NOT BE REPRODUCED WHOLLY OR IN PARTS WITHOUT WRITTEN APPROVAL FROM THE LABORATORY)

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PT. Intertek Utama Services

Citrabuana Indoloka Building
Jl. Cikini IV No.2, Gondangdia
Jakarta 10330, Indonesia

Telp. (62-21) 391 8584 (Hunting), 391 8574 (Direct), Fax. (62-21) 391 8345
Hardline Laboratory:
Jakarta (62-21) 391 6611, Semarang (62-24) 762 7107 / 762 7325
www.intertek.com

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Test Conducted:

TEST	METHOD	REQUIREMENT	RESULTS
Colourfastness To Light	AATCC 16-2014	40 Hours Exposure	DATA Grade 4B
Measuring Adhesion by Tape Test	ASTM D3359 - 2017	Test Method B: A lattice pattern with six cuts in each direction is made in the film to the substrate, pressure-sensitive tape is applied over the lattice and then removed, and adhesion is evaluated.	DATA Grade: 4B Small flakes of the coating are detached at intersections; less than 5% of the area is affected
Film Hardness by Pencil Test	ASTM D3363-05 (2011)	Report the Scratch and Gouge hardness.	Data Scratch: 4H Gouge: No Gouge
Effects Of Extreme Temperature And Humidity Test	ITS-M0007	16 hours in freezer with constant temperature of 0°F/-18°C and followed by 8 hours in chamber with a constant temperature of 120°F/49°C and 95% RH. Observe and record any discoloration, swelling, softening, cracks or any other unusual changes on the samples against comparison sample.	Data No discoloration or visible change occurred
Lead in Surface Coating	16 CFR 1303	Limit 90 ppm	P < 20 ppm
Food Safe Contact Use	U.S. F.D.A Regulation Part 21 CFR 175.300 Clause C4	Chloroform soluble extractive in water Fixed limit: 18 mg/in ²	P < 2 mg/in ²
		Chloroform soluble extractive in heptane Fixed limit: 18 mg/in ²	P < 2 mg/in ²

Abbreviation: P = Pass F = Fail

Date Sample Received : August 22, 2017
Date Modified : September 05, 2017
Testing Period : August 22, 2017 to September 05, 2017

END OF REPORT

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