



Technical Report No. 68.420.19.0252.01F
Dated 2019-03-28

Client: Flashbay Electronics

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Attn.: Mr. Levin

Sample Description: Water Bottles

Model No.: Compresso(CP)

Country of origin: China

Exported to: U. S. A

Sample Received Date: 2019-03-10

Test Period: From 2019-03-10 to 2019-03-19

Location of Testing: TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch

Purpose of examination: As specified by client, to test as regulated by the U.S. F.D.A. C.F.R. 21

Test Result: Refer to following page(s)

Remark: The result relates only to the items tested.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
TÜV SÜD Group

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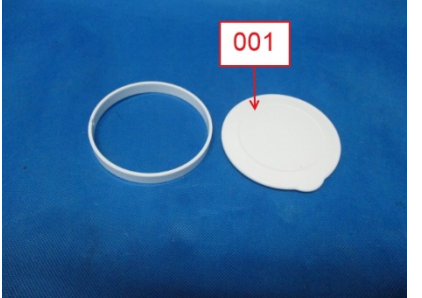

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SUMMARY OF TEST RESULTS

No.	Test Requested	Conclusion	Remarks
1.	For material: Olefin polymers - Test for compliance with U.S. F.D.A. C.F.R. 21. Part 177.1520	PASS	
2.	For material: Rubber - Test for compliance with U.S. F.D.A. C.F.R. 21. Part 177.2600	PASS	



1. TESTED SUBJECT DESCRIPTION

Sample Number	Item Name	Tested Material Description	Photo
001	Cover (PP)	White plastic	
002	Mug (silicone)	White silicone	

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2. TEST RESULT

2.1. TEST FOR COMPLIANCE WITH U.S. F.D.A. C.F.R. 21. PART 177.1520

Test Item	Result(s)	CFR Specification of Polypropylene/ Polyethylene Copolymer
	Sample 001	
Specific gravity (g/mL)	0.908	0.85 – 1.00
n-Hexane extractives (%) (50 °C for 2 hours)	<1.0	Not greater than 2.6
Xylene extractives (%) (Refluxing temperature for 2 hours)	0.37	Not greater than 30

Note :

- “g/ml” denotes gram per milliliter
- “°C” denotes degree Celsius
- “%” denotes percentage by weight
- “<” denotes less than
- Specification is quoted from U.S. F.D.A. C.F.R. 21. Part 177.1520

2.2. TEST FOR COMPLIANCE WITH U.S. F.D.A. C.F.R. 21. PART 177.2600

Test Item	Result(s) [mg/in ²]	CFR Specification [mg/in ²]
	Sample 002	
Total extractive of distilled water at reflux temperature		
- for first 7 hours	< 1.0	< 20
- for succeeding 2 hours	< 0.1	< 1
Total extractive of n-hexane at reflux temperature		
- for first 7 hours	16.0	< 175
- for succeeding 2 hours	0.70	< 4

Note :

- “°F” denotes degree Fahrenheit
- “mg/in²” denotes milligram per square inch
- “<” denotes less than
- Specification is quoted from U.S. F.D.A. C.F.R. 21. Part 177.2600
