



FLASHBAY ELECTRONICS

Technical Report: (8820)359-0080(E)
Date Received: Dec 24, 2020

Apr 21, 2021
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FLASHBAY ELECTRONICS
BUILDING 2,JIXUN INDUSTRIAL PARK,DONG'AO
VILLAGE,SHATIAN TOWN,HUIYANG DISTRICT,
HUIZHOU CITY, GUANGDONG PROVINCE, P.R.CHINA

Sample Description:	Travel Cups	Sample Size:	3 PCS
Vendor:	N/A	Style No(s):	EcoSip(EP)
Manufacturer:	FLASHBAY ELECTRONICS	SKN/SKU No.:	NOT PROVIDE
Labeled Age Grade:	NOT RECORD	PO No.:	NOT PROVIDE
Appropriate Age Grade:	NOT REQUESTED	Ref #:	NOT PROVIDE
Client Specified Age Grade:	NOT SPECIFIED		
Grade:			
Tested Age Grade:	N/A	Country of Origin:	NOT PROVIDE
UPC Code:	N/A	Assortment No.:	NOT PROVIDE
		Country of Destination :	NOT PROVIDE
Test Starting Date:	DEC 24, 2020	Test Finished Date:	APR 21, 2021

EXECUTIVE SUMMARY:

The sample(s) MEETS the following requirement(s):

- FDA / GRAS Evaluation.
- Closures with Sealing Gaskets for Food Containers – U.S. FDA 21 CFR 177.1210.
- Olefin Polymers - Polypropylene Homopolymer – U.S. FDA 21 CFR 177.1520.



BUREAU VERITAS SHENZHEN CO.,LTD
DONGGUAN BRANCH

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Manager, Analytical Lab

RT/Carmen Xiong

REMARK

If there are questions or concerns on this report, please contact the following persons:

Report Enquiry: (86) 0769 89952999 Ext. 8175 CPSAnalytical.DG@bureauveritas.com

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Tested Component(s) Description List:

Sample ID	Component	Location(s)	Style	Client Claimed Material
I001	Black plastic	Lid	-	PP
I002	Silver metal	Body	-	SUS304
I003	Transparent soft plastic	Gasket	-	Silicone



RESULTS:

FDA / GRAS Evaluation ^^

Test Item I002: Silvery metal of Body

Result: The sample I002 was identified as AISI 304.

Conclusion: The result for this sample is considered as FDA/GRAS

Method: Sample was analyzed by Spark Spectrometer.

Arc Spectrometer Data Sheet		
AISI 304 FDA/GRAS		
ELEMENTS	REQUIRED (%)	RECORDED (%)
		I002
C	0.08max	0.049
Si	1.0max	0.42
Mn	2.0max	1.04
P	0.045max	0.012
S	0.03max	<0.0020
Cr	18.0-20.0	18.02
Ni	8.0-10.5	8.10
Mo	/	0.078
Cu	/	0.077

Remark:

“^^”The above result was performed at Bureau Veritas (Shenzhen) laboratory.



RESULTS:

Closures with Sealing Gaskets for Food Containers – U.S. FDA 21 CFR 177.1210

Test Method : U.S. FDA 21 CFR 177.1210

Condition of use: C) Hot filled or pasteurized above 150°F
 Extracting condition: Distilled Water (Fill boiling, cool to 100 °F)

Parameter	Unit	Result	Limit
		I003	
Net Chloroform- Soluble Extractives (i) Distilled Water	ppm	<10	≤ 50
Conclusion	-	PASS	-

Note / key:

- ppm = parts per million
- "<" = less than
- "≤" = less than or equal to

Remark:

Maximum extractives tolerances of different types of closure-sealing gasket composition

Type of closure-sealing gasket composition	Maximum Extractives Tolerances (in ppm)		
	Chloroform fraction of water extractives	Chloroform fraction of heptane extractives	Chloroform fraction of alcohol extractives
1. Plasticized polymers, including unvulcanized or vulcanized or otherwise cured natural and synthetic rubber formed in place as overall discs or annular rings from a hot melt, solution, plastisol, organisol, mechanical dispersion, or latex	50	500	50
2. Performed overall discs or annular rings of plasticized polymers, including unvulcanized natural or synthetic rubber	50	250	50
3. Performed overall discs or annular rings of vulcanized plasticized polymers, including natural or synthetic rubber	50	50	50
4. Performed overall discs or annular rings of polymeric or resinous-coated paper, paperboard, plastic, or metal foil substrates	50	250	50
5. Closures with sealing gaskets or sealing compositions as described in 1, 2, 3 and 4, and including paper, paperboard, and glassine used for dry foods only	Not applicable	Not applicable	Not applicable



RESULTS:

Olefin Polymers - Polypropylene Homopolymer – U.S. FDA 21 CFR 177.1520

Test Method : U.S. FDA 21 CFR 177.1520

Parameter	Unit	Result	Limit
		I001	
Density	g/cm ³	0.990	0.880-0.913
Melting Point	°C	178	160-180
Total Extractives (n-Hexane)	% w/w	1.87	≤ 6.4
Total Extractives (Xylene)	% w/w	1.54	≤ 9.8
Conclusion	-	PASS	-

Note / key:

- g/cm³ = gram per cubic centimetre
- % w/w = percent weight by weight
- "<" = less than
- "≤" = less than or equal to

RESULTS:



END OF REPORT