



# TEST REPORT

REPORT No.: **DTI201811086859**

Date:2018-11-16

Page 1 of 5

Company Name: Xuzhou Shangligift Co.,Ltd/Xuzhou Yanjia Glassware Co.,Ltd

Company Address: **Baduan Industrial Park,Mapo Town,Tongshan District,Xuzhou City, Jiangsu Province,China.**

Report on the submitted samples said to be:

Sample Name : Butter Churn  
 Material Type : Silicone Rubber/Stainless Steel/PP  
 Manufacturer : Xuzhou Shangligift Co.,LTD  
 Country of Origin : China  
 Sample Receiving Date : September 25, 2018  
 Testing Period : September 25, 2018 to September 30, 2018  
 Results : Please refer to next page(s).

\*\*\*\*\*  
**Summary of Test Results:**


**TEST REQUEST**

As specified by the client, with reference to USA Food and Drug Administration regulations ([US.FDA](#)) to determine the all property indexes of the submitted samples in contact with aqueous food and fatty food.

**CONCLUSION**

**PASS**

Signed for and on behalf of  
DTI

Approved by:   
lab manager



\*\*\*\*\*  
This document is issued by the Company subject to its General Conditions of service of service printed overleaf, available on request for electronic format documents, subject to terms and conditions for electronic documents is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. any holder of this document is advised that information contained hereon reflects the company's findings at the time of its intervention only and within the limits of client's instructions, if any, the company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents, this document cannot be reproduced except in full, without prior written approval of the company. any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law, unless otherwise stated the results shown in this test report refer only to the sample(s) tested.



Deesev Testing International Corp. (Shenzhen)  
德泽威技术检测(深圳)有限公司

5/F, 1st Tower of Gaoxinqi High-tech Zone, 67th Zone, Liuxian 1st Road, Bao'an, Shenzhen, Guangdong, China  
中国广东省深圳市宝安区留仙一路67区高新战略新兴产业园二期1号楼5楼  
Tel: +86-755-66683088 Fax: +86-755-66683099



# TEST REPORT

REPORT No.: **DTI201811086859**

Date:2018-11-16

Page 2 of 5

## Results:

### Test Portions Description:

- ① Silicone Rubber Stir Plate;
- ② Silvery Stainless Steel Roller;
- ③ White PP Plastic Cap;

### **A1, to determine the amount of extractives for ① Silicone Rubber Stir Plate**

Test method: With reference to US FDA 21CFR 177.1210 for silicone part.

No.	Extractants and Conditions	Amount of Extractives(mg/kg)	Limit ( mg/kg)
1	Distilled water at 212°F for 30 minutes	2.6	50
2	Reagent heptane at 120°F for 30 minutes	9.8	50
3	8 percent alcohol at at 120°F for 24 hours	8.9	50
<b><u>Conclusion:</u></b>		When tested as specified, the submitted sample(s) comply with the specifications for the amount of total extractives requirement from polymeric coating intended for repeated use in contact with aqueous and fatty foods as stated in US FDA 21 CRF 177.1210.	

### **A2-1, Chromium content determination for ② Silvery Stainless Steel Roller**

Test Method: GB/T 223.11-2008-Iron, steel and alloy - Determination of chromium content - Visual titration or potentiometric titration method

Item	Unit	MDL	Test Result	限量
Chromium (Cr)	%	0.005	18.25	≥ 10.5
<b><u>Conclusion</u></b>	When tested as specified, the submitted sample(s) comply with the specifications for the amount of total Chromium content requirement as stated in US FDA GRAS Specifications for stainless steel cutlery			

\*\*\*\*\*



This document is issued by the Company subject to its General Conditions of service of service printed overleaf, available on request for electronic format documents, subject to terms and conditions for electronic documents is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. any holder of this document is advised that information contained hereon reflects the company's findings at the time of its intervention only and within the limits of client's instructions, if any, the company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents, this document cannot be reproduced except in full, without prior written approval of the company. any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law, unless otherwise stated the results shown in this test report refer only to the sample(s) tested.



Deesev Testing International Corp. (Shenzhen)  
德泽威技术检测(深圳)有限公司

5/F, 1st Tower of Gaoxinqi High-tech Zone, 67th Zone, Liuxian 1st Road, Bao'an, Shenzhen, Guangdong, China  
中国广东省深圳市宝安区留仙一路67区高新奇战略新兴产业园二期1号楼5楼  
Tel: +86-755-66683088 Fax: +86-755-66683099



# TEST REPORT

REPORT No.: **DTI201811086859**

Date:2018-11-16

Page 3 of 5

**A2-2, Amount of extractives determination for ② Silvery Stainless Steel Roller**

Test Method: US FDA 21 CFR 175.300.

No.	Extractants and Conditions	Amount of Extractives(mg/inch <sup>2</sup> )	Limit ( mg/inch <sup>2</sup> )
1	Distilled water at 212°F for 30 minutes	<0.2	18
2	Reagent heptane at 120°F for 30 minutes	0.5	18
3	8 percent alcohol at at 120°F for 24 hours	0.9	18
<b>Conclusion:</b>		When tested as specified, the submitted sample(s) comply with the specifications for the amount of total extractives requirement from polymeric coating intended for repeated use in contact with aqueous and fatty foods as stated in US FDA 21 CFR 175.300.	

Note:

- According to US FDA 21CFR 175.300, from coatings intended for repeated use, and employed other than a component of a container, the limit is 18 mg/inch<sup>2</sup>
- 212°F=100°C; 120°F=48.9°C;
- 1inch<sup>2</sup> =6.4516cm<sup>2</sup>

**A3-1, to determine the amount of extractives for ③ White PP Plastic Cap**

Test method: With reference to US FDA 21CFR 177.1520 for PP parts and TPU ice bag

	Extractants and Conditions	Amount of Extractives	Limit
1	n-hexane at reflux temperature for 2 hours	1.1%(w/w)	6.4%(w/w)
2	Xylene at 25°C for 2 hours	3.1%(w/w)	9.8%(w/w)
<b>Conclusion:</b>		When tested as specified, the submitted sample(s) comply with the specifications for the amount of total extractives requirement from PP parts intended for repeated use in contact with aqueous and fatty foods as stated in US FDA 21 CFR 177.1520.	

\*\*\*\*\*



This document is issued by the Company subject to its General Conditions of service of service printed overleaf, available on request for electronic format documents, subject to terms and conditions for electronic documents is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. any holder of this document is advised that information contained hereon reflects the company's findings at the time of its intervention only and within the limits of client's instructions, if any, the company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents, this document cannot be reproduced except in full, without prior written approval of the company. any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law, unless otherwise stated the results shown in this test report refer only to the sample(s) tested.



Deesev Testing International Corp. (Shenzhen)  
德泽威技术检测(深圳)有限公司

5/F, 1st Tower of Gaoxinqi High-tech Zone, 67th Zone, Liuxian 1st Road, Bao'an, Shenzhen, Guangdong, China  
中国广东省深圳市宝安区留仙一路67区高新奇战略新兴产业园二期1号楼5楼  
Tel: +86-755-66683088 Fax: +86-755-66683099





# TEST REPORT

REPORT No.: **DTI201811086859**

Date:2018-11-16

Page 4 of 5

**A3-2, to determine the Density of PP parts as recommended by US FDA 21CFR 177.1520 for ③ White PP Plastic Cap**

Test method: With reference to ASTM method D1505-68 (Re-approved 1979), "Standard Test Method for Density of Plastics by the Density- Gradient Technique,".

No.	Density (g/mm <sup>3</sup> )	Range(g/mm <sup>3</sup> )
1	0.91	0.88-0.913
<b>Conclusion:</b> When tested as specified, the submitted sample(s) comply with the specifications for the density requirement as stated in US FDA 21 CFR 177.1520.		

**A3-3, to determine the melting point of PP parts as recommended by US FDA 21CFR 177.1520for ③ White PP Plastic Cap**

Test method: With reference to A ASTM method D2117- 82, "Standard Test Method for Melting Point of Semicrystalline Polymers by the Hot Stage Microscopy Method,"

No.	Melting Point (°C)	Range (°C)
1	168°C	150-180°C
<b>Conclusion:</b> When tested as specified, the submitted sample(s) comply with the specifications for the melting point requirement as stated in US FDA 21 CFR 177.1520.		

Note:

- According to US FDA 21CFR 175.300, from coatings intended for repeated use, and employed other than a component of a container, the limit is 18 mg/inch<sup>2</sup>
- 212°F=100°C; 120°F=48.9°C;

\*\*\*\*\*



This document is issued by the Company subject to its General Conditions of service of service printed overleaf, available on request for electronic format documents, subject to terms and conditions for electronic documents is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. any holder of this document is advised that information contained hereon reflects the company's findings at the time of its intervention only and within the limits of client's instructions, if any, the company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents, this document cannot be reproduced except in full, without prior written approval of the company. any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law unless otherwise stated the results shown in this test report refer only to the sample(s) tested.



Deesev Testing International Corp. (Shenzhen)  
德泽威技术检测(深圳)有限公司

5/F, 1st Tower of Gaoxinqi High-tech Zone, 67th Zone, Liuxian 1st Road, Bao'an, Shenzhen, Guangdong, China  
中国广东省深圳市宝安区留仙一路67区高新奇战略新兴产业二期1号楼5楼  
Tel: +86-755-66683088 Fax: +86-755-66683099

# TEST REPORT

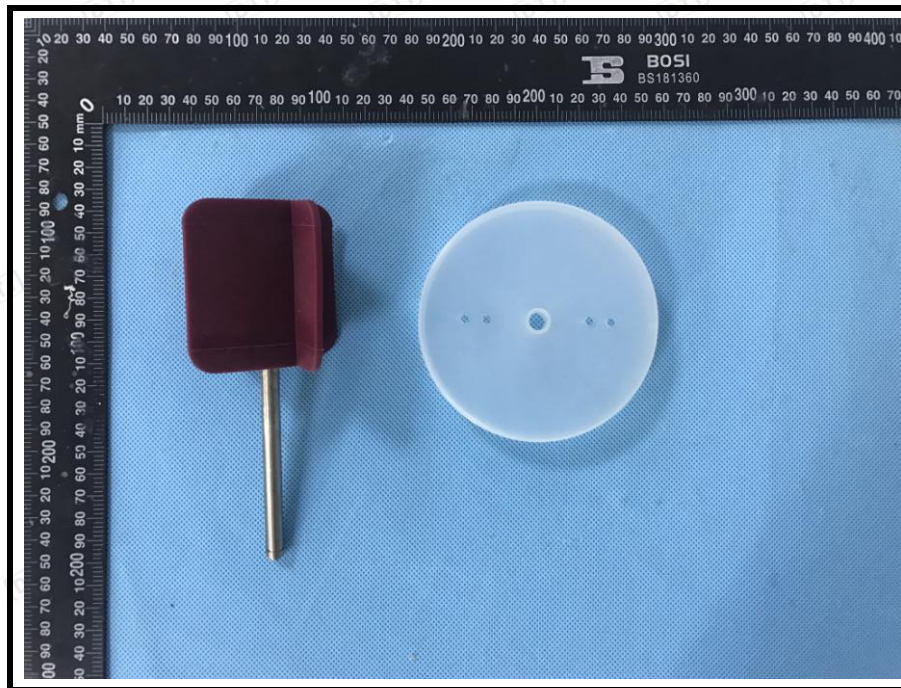
REPORT No.: **DTI201811086859**

Date:2018-11-16

Page 5 of 5

## Appendix

Photograph of Sample



DTI authenticate the photo on original report only

\*\*\* End of Report \*\*\*



This document is issued by the Company subject to its General Conditions of service of service printed overleaf, available on request for electronic format documents, subject to terms and conditions for electronic documents is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. any holder of this document is advised that information contained hereon reflects the company's findings at the time of its intervention only and within the limits of client's instructions, if any, the company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents, this document cannot be reproduced except in full, without prior written approval of the company. any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law, unless otherwise stated the results shown in this test report refer only to the sample(s) tested.