



# Test Report

Report No.: DGF180619009TE01A

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**Applicant** : Shenzhen Mlife Household Products Co., Ltd.  
**Address** : 6B01, Block B, Shunjing Chuangke Certer Building, Yousong Road, Longhua  
New District, Shenzhen City, Guangdong Province, China

**The following sample(s) was/were submitted and identified on behalf of the client as:**

Product Name : Kettle  
Model : 8068-A  
Manufacturer : /  
Address : /

Date of Sample Received : Jun. 19, 2018  
Test period : Jun. 19, 2018 - Jun. 25, 2018

**Test requested:**

For material which contact with foodstuff, selected tests were performed for  
compliant with the regulations US Food and Drug Administration (FDA).

**Conclusion**

Pass

**Test method** : Please refer to next page.

**Test result** : Please refer to next page.

**Tested by:**

George

**Reviewed by:**



**Approved by:**

Caby

**Date:**

Jun. 25, 2018

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**NTEK Testing Technology Co., Ltd.**

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## Test Results:

### 1. TRITAN:

Test method: With reference to FDA 21 CFR 177.1580 Polycarbonate resins.

Test Items	Test conditions	Unit	Limit	Results	Conclusion
				No.1	
Maximum extractable fraction in distilled water	Reflux temperature, 6 hours	%	0.15	<0.05	Pass
Maximum extractable fraction in 50% alcohol	Reflux temperature, 6 hours	%	0.15	<0.05	Pass
Maximum extractable fraction in n-heptane	Reflux temperature, 6 hours	%	0.15	<0.05	Pass

### 2. PO copolymer:

Test method: With reference to FDA 21 CFR 177.1520 Olefin polymers.

Test Items	Test conditions	Unit	Limit	Results	Conclusion
				No.2	
Maximum extractable fraction in n-hexane	50°C, 2h	%	5.5	<1	Pass
Maximum extractable fraction in xylene	---	%	30	14	Pass
Density	---	g/cm <sup>3</sup>	0.850-1.000	0.915	Pass

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### 3.Silicone:

3.1 Test method: With reference to FDA 21 CFR 177.2600 Rubber articles intended for repeated use.

Test Items	Test conditions	Unit	Limit	Results	Conclusion
				No.3	
Maximum extractable fraction in distilled water	Reflux temperature, the first 7 h	mg/in. <sup>2</sup>	20	<3	Pass
	Reflux temperature, the following 2h	mg/in. <sup>2</sup>	1	<0.1	Pass
Maximum extractable fraction in n-hexane	Reflux temperature, the first 7 h	mg/in. <sup>2</sup>	175	<30	Pass
	Reflux temperature, the following 2h	mg/in. <sup>2</sup>	4	<1	Pass

3.2 Test method: With reference to FDA 21 CFR 177.1210 Closures with sealing gaskets for food containers.

Test Items	Test conditions	Unit	Limit	Results	Conclusion
				No.3	
Chloroform extractive in Distilled water	Boil, then cool to 100°F	ppm	50	36.1	Pass
Chloroform extractive in n-heptane	150°F, 0.25h	ppm	500	<50	Pass
Chloroform extractive in 8% alcohol	150°F, 2h	ppm	50	<5	Pass

### Test Part Description:

No.1: Black bottle body

No.2: Black cup cover

No.3: White silicone

### Note:

- (1) mg/kg=ppm=0.0001%;
- (2) mg/in.<sup>2</sup> = milligram per square inch;
- (3) °F =Fahrenheit Degree.

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## Photograph of Sample:



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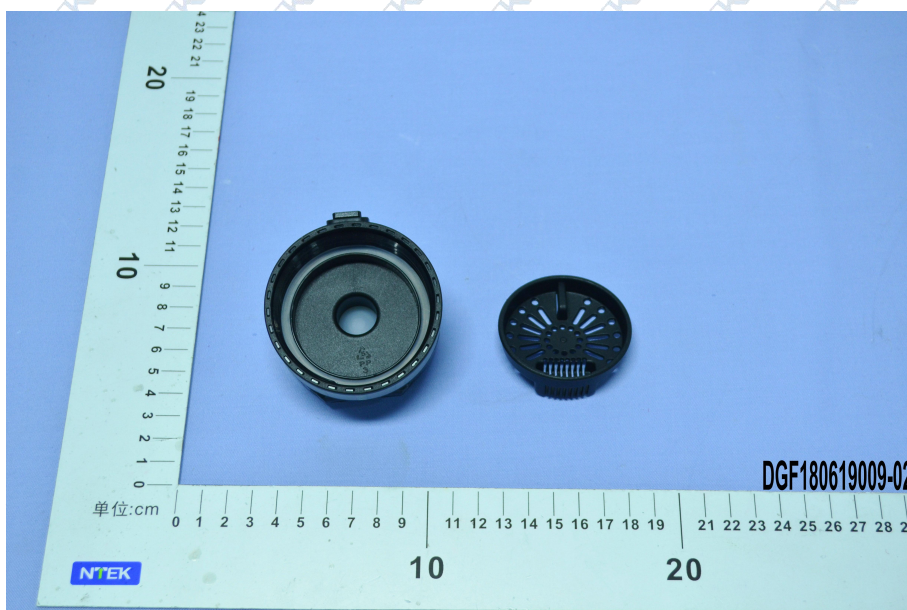
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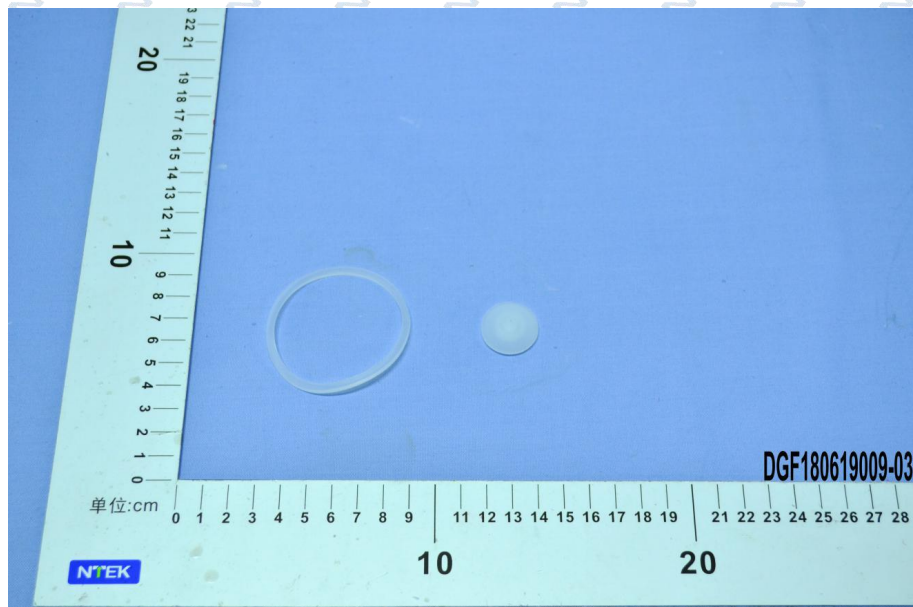
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\*\*\*End of Report\*\*\*

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