



## Test Report

No.: GZHG1106017460IP-01

Date: AUG 23, 2011

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IDEAL HOUSEWARE CO., LTD  
RM 1718, TAIHENG BLDG, 18, SI YOU YI ROAD, GUANGZHOU, CHINA

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

Sample Description : PACIFIER  
SGS Job No. : GZ1106082038/CHEM  
Manufacturer : IDEAL HOUSEWARE CO., LTD  
Date of Sample Received : JUN 24, 2011  
Testing Period : JUN 24, 2011 TO AUG 02, 2011  
Test Requested : As specified by client, with reference to EN 1400-3: 2002 Child use and care articles – Soothers for babies and young children - Part 3: Chemical requirements and tests & Commission Regulation (EU) No 10/2011 of 14 January 2011 and Council of Europe Resolution AP (2004) 5.  
1) For material: Thermoplastic, Silicone rubber – Overall migration test.  
2) For material: Silicone rubber, Thermoplastics – Migration of certain elements.  
3) For material: Silicon rubber – N - Nitrosamines and N - Nitrosatable substances release.  
4) For material: Silicone rubber – Volatile compounds content.  
Test Method : 1) With reference to EN 1186-1:2002 for selection of conditions and test methods; EN 1186-3:2002 for overall migration into aqueous food simulants by total immersion method;  
2) With reference to EN 1400-3:2002. Analysis was performed by ICP-OES  
3) With reference to EN 1400-3:2002 and EN 12868:1999. Analysis was performed by GC/NPD & GC/MS.  
4) With reference to EN 1400-3:2002.  
Test Results : Please refer to the next page.  
Conclusion : When tested as specified, the submitted sample(s) comply with the chemical requirements and tests stated in EN1400-3: 2002.

Signed for and on behalf of  
SGS-CSTC Ltd.

Johnny Lee  
Approved signatory

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### Test Results:

1)

Simulant Used	Test Condition	Overall Migration (mg/kg)			Maximum Permissible Limit (mg/kg)
		Sample	Sample	Sample	
		No.1	No.2	No.3	
Distilled water	24 hours at 40 °C	< 20	< 20	< 20	60

- Note :
1. mg/kg = milligram per kilogram foodstuff in contact with
  2. °C = degree Celsius
  3. < = less than
  4. The test data of sample No.1~No.2 is obtained by considering the articles intended for repeated use as per described in Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex V.
  5. The test data of sample No.3 is obtained by considering the articles intended for repeated use as per described in EN 1186-1:2002 clause 9.8.

2)

Test Item(s)	Unit	No.1	No.2	No.3	MDL	Limit
Soluble Lead (Pb)	mg/kg	N.D.	N.D.	N.D.	5	25
Soluble Antimony (Sb)	mg/kg	N.D.	N.D.	N.D.	5	15
Soluble Arsenic (As)	mg/kg	N.D.	N.D.	N.D.	5	10
Soluble Barium (Ba)	mg/kg	N.D.	N.D.	N.D.	10	100
Soluble Cadmium (Cd)	mg/kg	N.D.	N.D.	N.D.	5	20
Soluble Chromium (Cr)	mg/kg	N.D.	N.D.	N.D.	5	10
Soluble Mercury (Hg)	mg/kg	N.D.	N.D.	N.D.	5	10
Soluble Selenium (Se)	mg/kg	N.D.	N.D.	N.D.	10	100

- Note:
1. mg/kg = ppm
  2. N.D. = Not Detected (< MDL)
  3. MDL = Method Detection Limit
  4. Results of soluble elements shown are of the adjusted analytical results

3)

Test Items	Unit	Result	MDL	Maximum Permissible Limit
		No.3		
Nitrosamines	mg/kg	N.D.	0.01	0.01
Nitrosatable substances		N.D.	0.1	0.1

- Note:
1. Nitrosamines tested : N-nitrosodimethylamine (NDMA), N-nitrosodiethylamine (NDEA), N-nitrosodipropylamine (NDPA), N-nitrosodibutylamine (NDBA), N-nitrosopiperidine (NPIP), N-nitrosopyrrolidine (NPYR), N-nitrosomorpholine (NMOR), N-nitrosodibenzylamine (NDBzA), N-nitroso-N-methyl-N-phenylamine (NMPHA), N-nitroso-N-ethyl-N-phenylamine (NEPHA) and N-nitrosodisonylamine (NDiNA).
  2. mg/kg = milligram per kilogram
  3. N.D. = Not Detected (<MDL)

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4)

Test Items	Result (% w/w)	Maximum Permissible Limit (% w/w)
	No.3	
Volatile Compounds Content	0.36	0.5

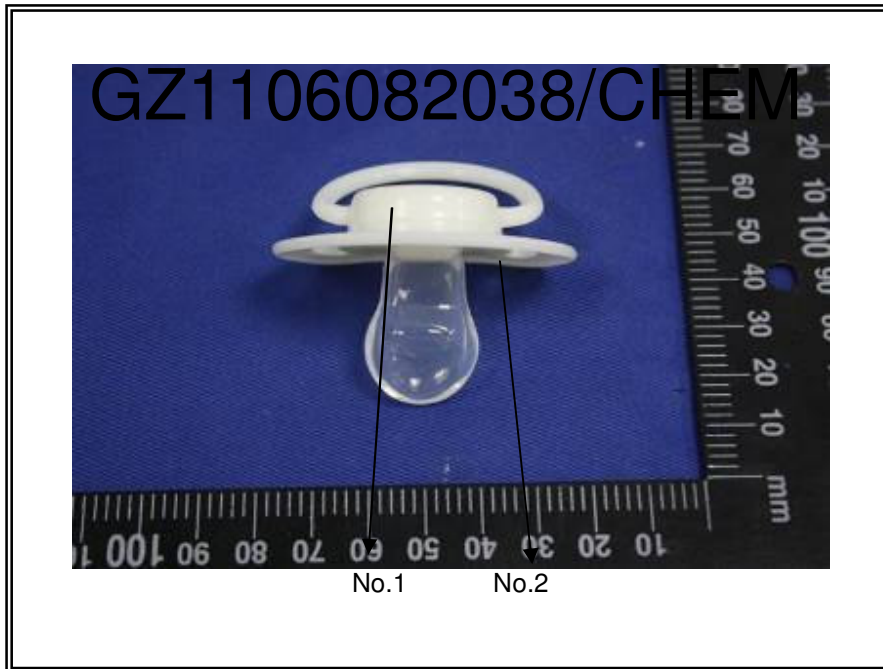
Note: % w/w = Percentage of weight by weight

**Test Part Description:**

- No. 1 Beige plastic (said to be "PP")
- No. 2 Beige plastic (said to be "ABS")
- No. 3 Translucent silicone rubber

Remark: This test report is to supersede test report number GZHG1106017460IP.

Sample photo:



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