



Pony Testing International Group

Test Report

No.: MZAJ1F6A82491731

Date: Sep 18, 2015

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Applicant: Shenzhen Kean Silicone Product Co., Ltd
Address: KeAn Industrial Park 61# Caizi North Road, Shangmugu Pinghu Longgang District, Shenzhen

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

Sample Name: Silicone Squeezable Bottle

Sample Materials: silicone, PP

Sample Received Date: Aug 27, 2015

Testing Period: Aug 27, 2015 to Sep 18, 2015

Test Item: Please refer to next page(s)

Reference Method: (1) In accordance with German Food, Articles of Daily Use and Feed Code of September 1.2005 (LFGB), Section 30 & 31.
(2) In accordance with European Commission Directive (EU) No. 10/2011 on plastic materials and articles intended to come into contact with food.

Testing Results: Please refer to next page(s)

Edited by: Zhang Shan

Checked by: Yangfu Xing

Approved by: Zhu Guirang



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(1) A82492731 Test Component: blue silicone of the Silicone Squeezable Bottle

Test Items	Limits	Test Results
Distilled water, 100°C 8h	$\leq 10 \text{ mg/dm}^2$	2.50 mg/dm ²
10% Ethanol, 100°C 8h	$\leq 10 \text{ mg/dm}^2$	3.46 mg/dm ²
Volatile organic matter (VOM)	$\leq 0.5 \%$	N.D. (<0.005 %)
Peroxide value	Absent	N.D. (<0.005 g/100g)
MBT	Absent	N.D. (<0.05 mg/kg)
DBT	Absent	N.D. (<0.05 mg/kg)
TBT	Absent	N.D. (<0.05 mg/kg)
TTBT	Absent	N.D. (<0.05 mg/kg)
MOT	Absent	N.D. (<0.05 mg/kg)
DOT	Absent	N.D. (<0.05 mg/kg)
TPhT	Absent	N.D. (<0.05 mg/kg)
TcyT	Absent	N.D. (<0.05 mg/kg)





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Test Result:

(2) A82493731 Test Component: white PP of the Silicone Squeezable Bottle

Test Items		Limits	Test Results
Sensory test	Sensorial examination odour	≤ 2.5	0
	Sensorial examination taste	≤ 2.5	0
10% Ethanol, 100°C 8h		$\leq 10 \text{ mg/dm}^2$	3.80 mg/dm^2
Specific migration of heavy metal (3% Acetic acid)	Ba	$\leq 1 \text{ mg/kg}$	N.D. ($< 0.1 \text{ mg/kg}$)
	Co	$\leq 0.05 \text{ mg/kg}$	N.D. ($< 0.01 \text{ mg/kg}$)
	Cu	$\leq 5 \text{ mg/kg}$	N.D. ($< 0.1 \text{ mg/kg}$)
	Fe	$\leq 48 \text{ mg/kg}$	N.D. ($< 0.1 \text{ mg/kg}$)
	Li	$\leq 0.6 \text{ mg/kg}$	N.D. ($< 0.1 \text{ mg/kg}$)
	Mn	$\leq 0.6 \text{ mg/kg}$	N.D. ($< 0.1 \text{ mg/kg}$)
	Zn	$\leq 25 \text{ mg/kg}$	N.D. ($< 0.1 \text{ mg/kg}$)
Aromatic amine migration (3% Acetic acid)		$\leq 0.01 \text{ mg/kg}$	N.D. ($< 0.01 \text{ mg/kg}$)
Total Cr		$\leq 10 \text{ mg/kg}$	N.D. ($< 1 \text{ mg/kg}$)
Total V		$\leq 20 \text{ mg/kg}$	N.D. ($< 1 \text{ mg/kg}$)
Total Zr		$\leq 100 \text{ mg/kg}$	8.04 mg/kg

Note: (1). 0= no difference from natural sample
 1= just barely perceivable difference
 2= weak but definable difference
 3= clearly perceivable difference
 4= strong difference
 (2). N.D.=Not detected

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Sample Photos:



Pony authenticate the photo on original report only

End of Report

