



TEST REPORT NO: B70071325

Jul.01,2013

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XINDAO (SHANGHAI) CO.,LTD
15TH FLOOR, LZY TOWER, NO.4711 JIAO TONG ROAD
ATTN: KEVIN ZHOU

TEST(S) CONDUCTED:

- 1. OVERALL MIGRATION ACCORDING TO (EU)NO.10/2011 AND AMENDED BY (EU)NO 1282/2011.**
- 2. SPECIFIC MIGRATION OF HEAVY METAL ACCORDING TO (EU)NO.10/2011 AMENDED BY (EU)NO 1282/2011.**
- 3. OVERALL MIGRATION ACCORDING TO RESAP(2004)5 ON SILICONES USED FOR FOOD CONTACT APPLICATIONS.**

SAMPLE DESCRIPTION PROVIDED BY CLIENTS:

SAMPLE DESCRIPTION : AUTO LEAK PROOF TUMBLER

#OF SAMPLE : P432.45*

LOT/BATCH # : ---

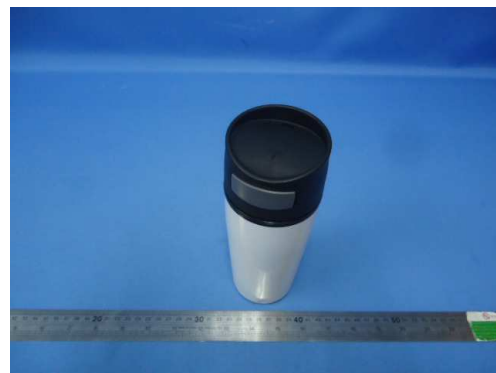
SUPPLIER : ---

MANUFACTURER : ---

BUYER : ---

COUNTRY OF ORIGIN : ---

EXPORTED TO : EUROPE

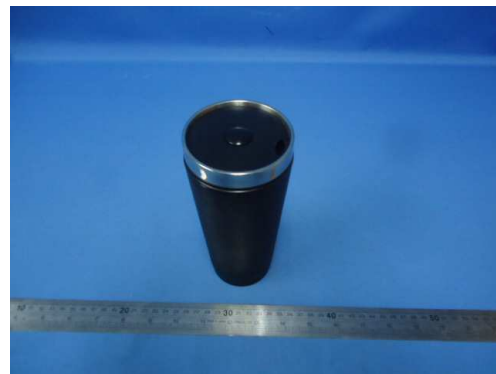


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ADF-001 (201304)

**TEST REPORT NO: B70071325****Jul.01,2013****Page : 2 of 5****SAMPLE DESCRIPTION : LEAK PROOF TUMBLER****#OF SAMPLE : P432.42*****LOT/BATCH # : ---****SUPPLIER : ---****MANUFACTURER : ---****BUYER : ---****COUNTRY OF ORIGIN : ---****EXPORTED TO : EUROPE****SAMPLE DESCRIPTION ASSIGNED BY LABORATORY:****DATE RECEIVED: Jun 24, 2013 (PM)****DATE TESTED: Jun.24 - Jul.01,2013**

SAMPLE PART ID	SAMPLE DESCRIPTION
T1	BLACK PP PART- AUTO LEAK PROOF TUMBLER/ LEAK PROOF TUMBLER
T2	BLACK SILICONE- AUTO LEAK PROOF TUMBLER
T3	SEMITRANSSPARENT SILICONE- AUTO LEAK PROOF TUMBLER/ LEAK PROOF TUMBLER
T4	GRAY ABS PART (INSIDE)- AUTO LEAK PROOF TUMBLER

TEST CONCLUSION:

TEST ITEM	CONCLUSION
OVERALL MIGRATION	PASS
SPECIFIC MIGRATION OF HEAVY METAL	PASS

OVERALL RATING : PASS

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TEST RESULT(S) & METHOD(S):

1. OVERALL MIGRATION

TEST REQUIREMENT: ACCORDING TO (EU)NO.10/2011 AND AMENDED BY (EU)NO 1282/2011

TEST METHOD: ACCORDING TO EN 1186-3:2002 OVERALL MIGRATION INTO AQUEOUS FOOD SIMULANTS BY TOTAL IMMERSION

(1) SIMULANT B: 3% ACETIC ACID

SAMPLE PART ID	TEST CONDITION	TEST RESULT	LIMIT	METHOD DETECTION LIMIT
T1	70°C, 2 HOURS	< 1.0mg/dm ²	≤ 10mg/dm ²	1.0mg/dm ²
T4	70°C, 2 HOURS	< 1.0mg/dm ²	≤ 10mg/dm ²	1.0mg/dm ²

(2) SIMULANT A: 10% ETHANOL

SAMPLE PART ID	TEST CONDITION	TEST RESULT	LIMIT	METHOD DETECTION LIMIT
T1	70°C, 2 HOURS	1.05 mg/dm ²	≤ 10mg/dm ²	1.0mg/dm ²
T4	70°C, 2 HOURS	< 1.0mg/dm ²	≤ 10mg/dm ²	1.0mg/dm ²

"mg/dm²" MEANS "MILLIGRAMME PER SQUARE DECIMETER"

TEST REQUIREMENT: ACCORDING TO RESAP(2004)5 ON SILICONES USED FOR FOOD CONTACT APPLICATIONS

TEST METHOD: EN 1186-3:2002 OVERALL MIGRATION INTO AQUEOUS FOOD SIMULANTS BY TOTAL IMMERSION

(1) SIMULANT B: 3% ACETIC ACID

SAMPLE PART ID	TEST CONDITION	TEST RESULT	LIMIT	METHOD DETECTION LIMIT
T2	70°C, 2 HOURS	< 1.0mg/dm ²	≤ 10mg/dm ²	1.0mg/dm ²
T3	70°C, 2 HOURS	1.10 mg/dm ²	≤ 10mg/dm ²	1.0mg/dm ²

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(2) SIMULANT A: 10% ETHANOL

SAMPLE PART ID	TEST CONDITION	TEST RESULT	LIMIT	METHOD DETECTION LIMIT
T2	70°C, 2 HOURS	1.97 mg/dm ²	≤10mg/dm ²	1.0mg/dm ²
T3	70°C, 2 HOURS	<1.0mg/dm ²	≤10mg/dm ²	1.0mg/dm ²

" mg/dm²" MEANS " MILLIGRAM PER SQUARE DECIMETER"

2. SPECIFIC MIGRATION OF HEAVY METAL

TEST REQUIREMENT: ACCORDING TO (EU)NO.10/2011 AMENDED BY (EU)NO 1282/2011

TEST METHOD: EXTRACT ACCORDING TO BS EN 13130-1;AND ANALYZED BY ICP-MS

SAMPLE PART ID: T1

ELEMENTS	TEST REQUIRED	SPECIFICATION	TEST RESULT(S)	METHOD LIMIT
Ba	SPECIFIC MIGRATION OF HEAVY METAL FOOD SIMULANT : 3%ACETIC ACID 70°C 2H	≤1mg/kg	<0.02 mg/kg	0.02 mg/kg
Co		≤0.05mg/kg	<0.02 mg/kg	0.02 mg/kg
Cu		≤5mg/kg	<0.02 mg/kg	0.02 mg/kg
Fe		≤48mg/kg	<0.02 mg/kg	0.02 mg/kg
Li		≤0.6mg/kg	<0.02 mg/kg	0.02 mg/kg
Mn		≤0.6mg/kg	<0.02 mg/kg	0.02 mg/kg
Zn		≤25mg/kg	<0.02 mg/kg	0.02 mg/kg

SAMPLE PART ID: T4

ELEMENTS	TEST REQUIRED	SPECIFICATION	TEST RESULT(S)	METHOD LIMIT
Ba	SPECIFIC MIGRATION OF HEAVY METAL FOOD SIMULANT : 3%ACETIC ACID 70°C 2H	≤1mg/kg	<0.02 mg/kg	0.02 mg/kg
Co		≤0.05mg/kg	<0.02 mg/kg	0.02 mg/kg
Cu		≤5mg/kg	<0.02 mg/kg	0.02 mg/kg
Fe		≤48mg/kg	<0.02 mg/kg	0.02 mg/kg
Li		≤0.6mg/kg	<0.02 mg/kg	0.02 mg/kg
Mn		≤0.6mg/kg	<0.02 mg/kg	0.02 mg/kg
Zn		≤25mg/kg	<0.02 mg/kg	0.02 mg/kg

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For and on behalf of
UL VS Shanghai Limited

Kuki Zhu - VS Assistant Engineering Manager
(Engineering Team)

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

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