

# Test Report

No. CANML1704257609 A01

Date: 25 Apr 2017

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FLUOTECH (XIAMEN) NEW MATERIALS CO.,LTD

NO.36 DABU ROAD,FENG'NAN INDUSTRIAL ZONE, TONG'AN DISTRCT,XIA MEN,CHINA

## This report is to supersede test report CANML1704257605

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

SGS Job No. : XMIN1703001573PC - XM  
 Client Ref. Info. : Fluoroelastomer Brown Full Compound  
 Manufacturer : FLUOTECH (XIAMEN) NEW MATERIALS CO.,LTD  
 Date of Sample Received : 20 Mar 2017  
 Testing Period : 20 Mar 2017 - 31 Mar 2017  
 Test Requested : Selected test(s) as requested by client.  
 Test Method : Please refer to next page(s).  
 Test Results : Please refer to next page(s).

### Result Summary :

Test Requested	Conclusion
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation –Overall migration	PASS
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation–Lead and Cadmium	PASS
Polycyclic Aromatic Hydrocarbons (PAHs)	PASS

Signed for and on behalf of  
 SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Ivy Ren  
 Approved Signatory



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Test Results :

### Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN17-042576.005	Brown rubber	rubber

### German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation –Overall migration

Test Method : With reference to EN1186-1:2002 for selection of test method;  
or EN 1186-3:2002 aqueous food simulants by total immersion method;

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 005 Overall Migration</u>	<u>Comment</u>
Distilled Water	240.0hr(s)	40°C	50mg/dm <sup>2</sup>	4.5mg/dm <sup>2</sup>	PASS
3% Acetic Acid (W/V) Aqueous Solution	240.0hr(s)	40°C	150mg/dm <sup>2</sup>	52.6mg/dm <sup>2</sup>	PASS
10% Ethanol (V/V) Aqueous Solution	240.0hr(s)	40°C	50mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>	PASS

Notes :

1. mg/dm<sup>2</sup> =milligram per square decimeter
2. °C = degree Celsius
3. The test data 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. Report the 3rd extractive result.
4. The shape of the tested sample was changed after migration test in 3% Acetic Acid

### German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation–Lead and Cadmium

Test Method : Microwave digestion (GZTC CHEM-TOP-004-01) , analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>005</u>
Cadmium (Cd)	★	mg/kg	2	ND
<b>Comment</b>				<b>PASS</b>
Lead (Pb)	30	mg/kg	2	ND
<b>Comment</b>				<b>PASS</b>
Zinc (Zn)	3	%(w/w)	0.01	ND
<b>Comment</b>				<b>PASS</b>



**Notes :**

1. mg/kg = milligram per kilogram of sample
2. MDL=Method Detection Limit
3. ND= Not Detected(less than MDL)
4. ★= Absent

**Polycyclic Aromatic Hydrocarbons (PAHs)**

Test Method : With reference to AfPS GS 2014:01 PAK, analysis was performed by GC-MS.

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>005</u>
Sum of 18 PAHs	-	1.0	mg/kg	-	ND
Sum of 7 PAHs Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	-	1.0	mg/kg	-	ND
Naphthalene(NAP)	91-20-3	1.0	mg/kg	0.1	ND
Acenaphthylene(ANY)	208-96-8	-	mg/kg	0.1	ND
Acenaphthene(ANA)	83-32-9	-	mg/kg	0.1	ND
Fluorene(FLU)	86-73-7	-	mg/kg	0.1	ND
Phenanthrene(PHE)	85-01-8	-	mg/kg	0.1	ND
Anthracene(ANT)	120-12-7	-	mg/kg	0.1	ND
Fluoranthene(FLT)	206-44-0	-	mg/kg	0.1	ND
Pyrene(PYR)	129-00-0	-	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	56-55-3	0.2	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	0.2	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	0.2	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	205-82-3	0.2	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	0.2	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	0.2	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	0.2	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	0.2	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	0.2	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	191-24-2	0.2	mg/kg	0.1	ND

**Notes :**

1. mg/kg = milligram per kilogram of sample
2. MDL=Method Detection Limit
3. ND= Not Detected(less than MDL)



Sample photo:



SGS authenticate the photo on original report only

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