

# 检 测 报 告

## TEST REPORT

编号/No.: SH1804000027C02

报告日期/Report date: 2018/04/09

申请单位 : 罗孚橡胶(江苏)有限公司

Applicant Rolf Rubber(Jiangsu)CO.,LTD

地 址 : 江苏省淮安市洪泽县工业园区九牛路 33 号/Jiangsu province Huaian city Hongze County

Address Industrial Park Road nine No.33

以下检测样品由申请人提供及确认:

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

样品名称/Sample Name : EPDM 三元乙丙混炼胶

规 格/Specifications : EPDM

接收日期/ Receiving Date : 2018/04/03

检测周期/Testing Period : 2018/04/03-2018/04/09

检测要求/Test Requested : 参见下一页/Please refer to next page(s).

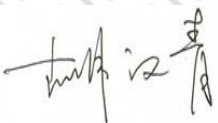
检测方法/Test Method : 参见下一页/Please refer to next page(s).

检测结果/Test Results : 参见下一页/Please refer to next page(s).


结 论/Conclusion : 申请人所提供样品的检测结果符合欧盟 RoHS 修订指令(EU)2015/863(RoHS 2.0)的要求。/Based on the analysis on the submitted sample, the results **do comply with** the requirement of RoHS Directive (EU)2015/863(RoHS 2.0).



批准  
Approved by Jeffery Chou



审核 胡汉青  
Reviewed by Salvia Hu



编制 顾晓敏  
Redact by Xiaomin Gu

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### 检测结果/TEST RESULTS:

#### RoHS2.0

检测项目 Test Items	检测方法 Methods	单位 Unit	方法 检测限 MDL	检测结果 Results	法规限值* Limited Value
铅/Pb	M1	mg/kg	2	N.D.	1000
镉/Cd			2	N.D.	100
汞/Hg			2	N.D.	1000
六价铬/Cr (VI)	M3a	---	---	Negative	---
一溴联苯/Monobromobiphenyl (MonoBB)	M4	mg/kg	5	N.D.	---
二溴联苯/Dibromobiphenyl (DiBB)			5	N.D.	---
三溴联苯/Tribromobiphenyl (TriBB)			5	N.D.	---
四溴联苯/Tetrabromobiphenyl (TetraBB)			5	N.D.	---
五溴联苯/Pentabromobiphenyl (PentaBB)			5	N.D.	---
六溴联苯/Hexabromobiphenyl (HexaBB)			5	N.D.	---
七溴联苯/Heptabromobiphenyl (HeptaBB)			5	N.D.	---
八溴联苯/Octabromobiphenyl (OctaBB)			5	N.D.	---
九溴联苯/Nonabromobiphenyl (NonaBB)			5	N.D.	---
十溴联苯/Decabromobiphenyl (DecaBB)			5	N.D.	---
<b>上述多溴联苯总和/Total PBBs sum of above</b>			---	<b>N.D.</b>	<b>1000</b>
一溴二苯醚/Monobromodiphenyl ether (MonoBDE)			5	N.D.	---
二溴二苯醚/Dibromodiphenyl ether (DiBDE)			5	N.D.	---
三溴二苯醚/Tribromodiphenyl ether (TriBDE)			5	N.D.	---
四溴二苯醚/Tetrabromodiphenyl ether (TetraBDE)			5	N.D.	---
五溴二苯醚/Pentabromodiphenyl ether (PentaBDE)			5	N.D.	---
六溴二苯醚/Hexabromodiphenyl ether (HexaBDE)			5	N.D.	---
七溴二苯醚/Heptabromodiphenyl ether (HeptaBDE)			5	N.D.	---
八溴二苯醚/Octabromodiphenyl ether (OctaBDE)			5	N.D.	---
九溴二苯醚/Nonabromodiphenyl ether (NonaBDE)			5	N.D.	---
十溴二苯醚/Decabromodiphenyl ether (DecaBDE)			5	N.D.	---
<b>上述多溴二苯醚总和/Total PBDEs sum of above</b>	---	<b>N.D.</b>	<b>1000</b>		

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编号 No.	检测项目 Test Items	检测方法 Methods	方法检测限 MDL (mg/kg)	检测结果 Results (mg/kg)	法规限值* Limited Value (mg/kg)
7	邻苯二甲酸二丁酯/Dibutyl Phthalate (DBP)	M5	50	N.D.	1000
8	邻苯二甲酸丁基苄基酯/Benzylbutyl Phthalate (BBP)		50	N.D.	1000
9	邻苯二甲酸二(2-乙基)己酯 /Di-(2-ethylhexyl)Phthalate (DEHP)		50	N.D.	1000
10	邻苯二甲酸二异丁酯/Diisobutyl phthalate(DIBP)		50	N.D.	1000

**注意/Remark :** \*报告中提及的法规限值根据是欧盟 RoHS 修订指令(EU)2015/863(RoHS 2.0)的要求。/The Limited value is based on the RoHS Directive (EU)2015/863(RoHS 2.0).

- 备注/Note :**
- 1) “---” = 未明确规定/Not Regulated.
  - 2) N.D. = 未检出, 小于方法检测限/Not detected, less than MDL.
  - 3) M1: 参考 IEC 62321-5: 2013, 采用电感耦合等离子体发射光谱仪进行测定。  
With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.
  - 4) M2: 参考 IEC 62321-4: 2013, 采用电感耦合等离子体发射光谱仪进行测定。  
With reference to IEC 62321-4: 2013, analysis was performed by ICP-OES.
  - 5) M3a: 参考 IEC 62321-7-1: 2015, 采用紫外-可见分光光度计比色法进行测定。  
With reference to IEC 62321-7-1: 2015, analysis was performed by UV-Vis Colorimetric Determination.
  - 6) M4: 参考 IEC 62321-6: 2015, 采用气相色谱质谱联用仪进行测定。  
With reference to IEC 62321-6: 2015, analysis was performed by GC-MS.
  - 7) M5: 参考 IEC 62321-8: 2017, 采用气相色谱-质谱联用仪进行分析。  
With reference to IEC 62321-8: 2017, analysis was performed by GC-MS.
  - 8) 本报告所有内容以中文为准。  
All content in this report is dominated by Chinese.

**检测部位描述/TEST PART DESCRIPTION:** 黑色橡胶/Black rubber

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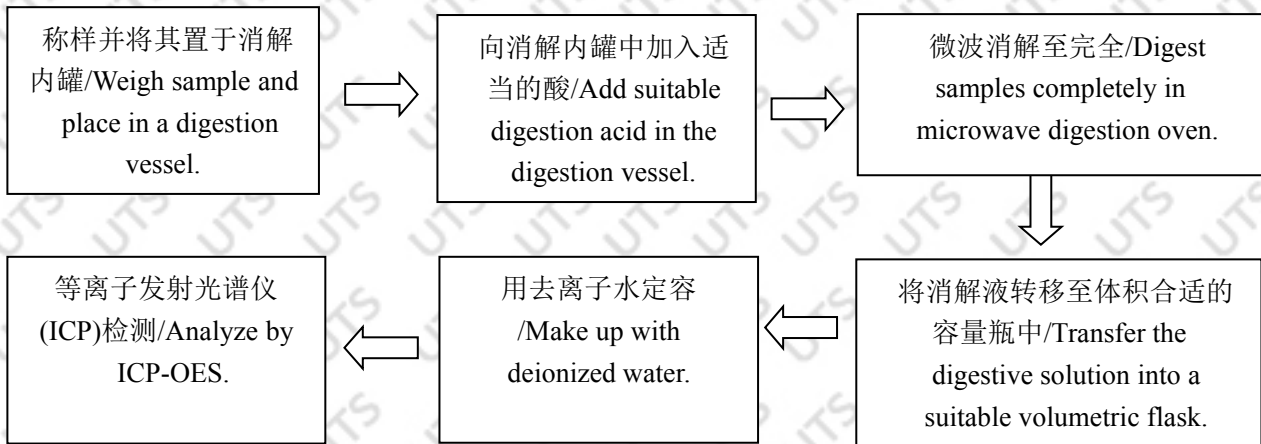
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### 检测流程图/FLOW CHART

#### 1. Pb、Hg、Cd 检测/Test for Pb, Hg, Cd Content



样品成分/Sample Material	消化酸/Digestion Acid
玻璃/Glass	HNO <sub>3</sub> /HF
塑料/Plastic	H <sub>2</sub> SO <sub>4</sub> , H <sub>2</sub> O <sub>2</sub> , HNO <sub>3</sub> , HCl
其它/Others	加入其它的酸消解/Any acid to total digestion.

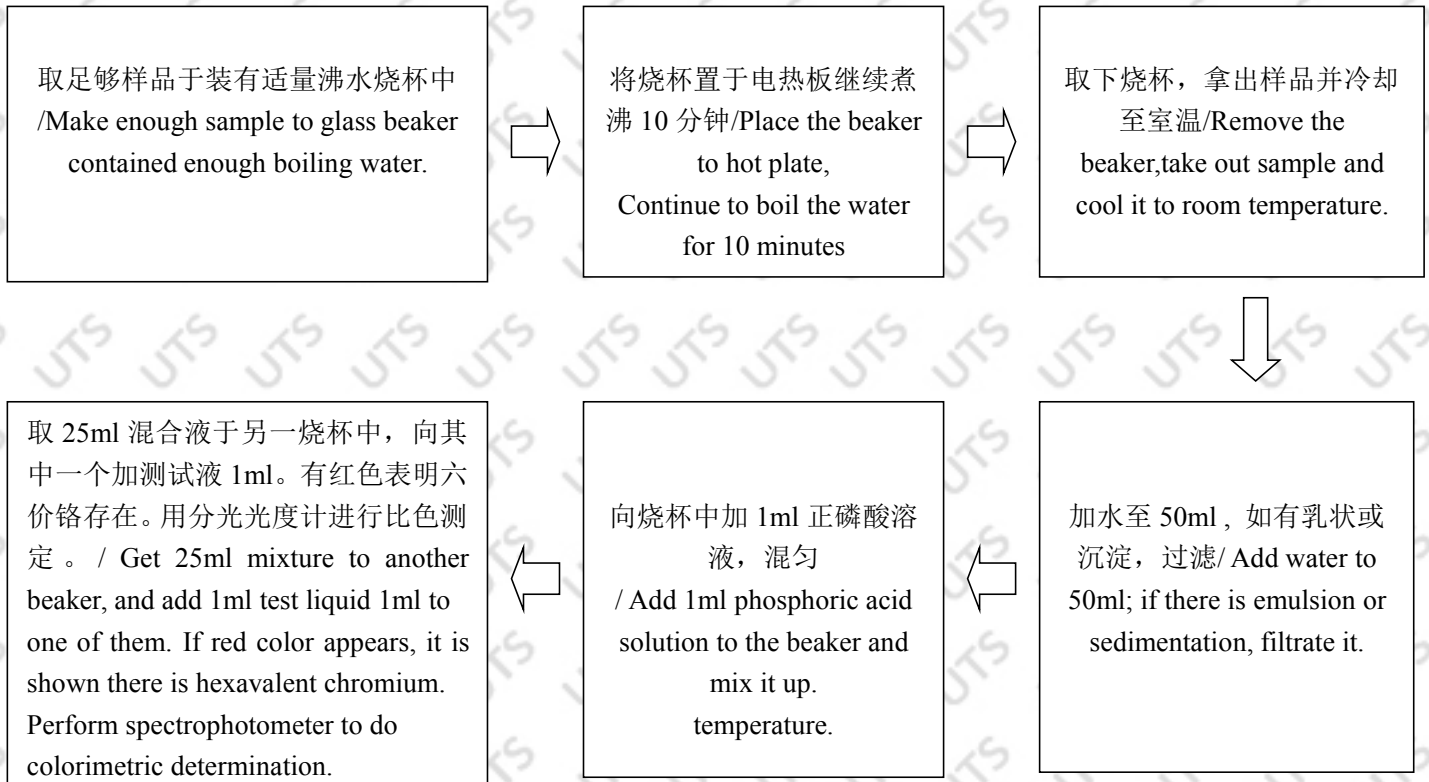
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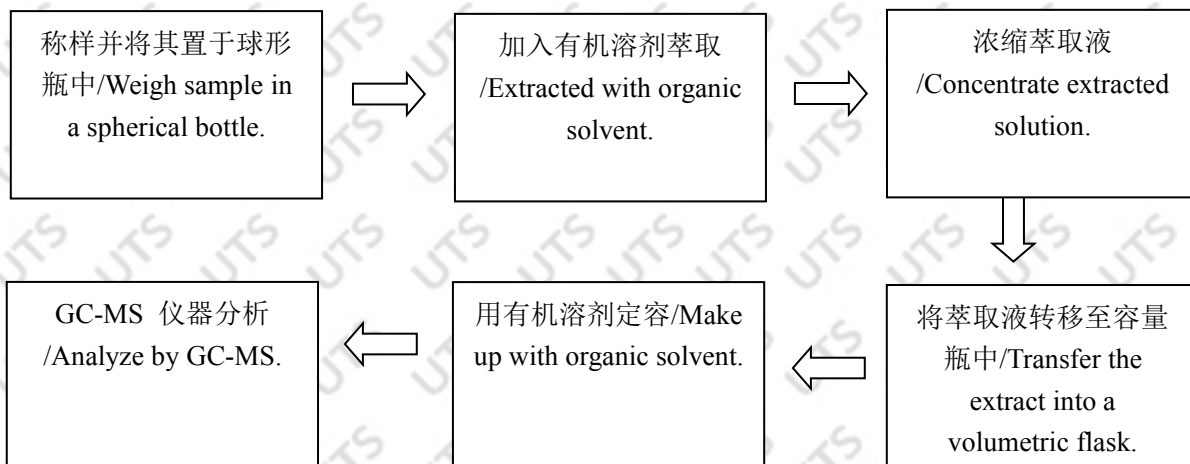
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### 2. 六价铬 Cr (VI) 检测/Test for Chromium (VI) Content



### 3. 多溴联苯&多溴二苯醚和邻苯二甲酸盐检测/Test for PBBs&PBDEs and Phthalates Content



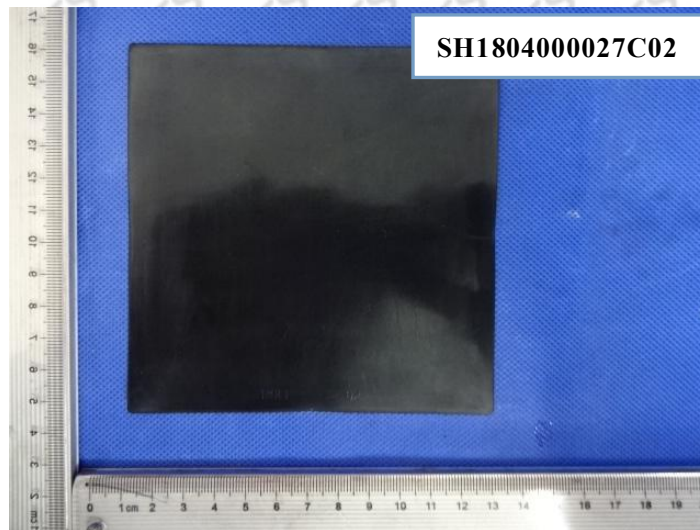
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### 样品照片/SAMPLE PHOTO



.....报告结束/End of Report.....