

No. TSNEC1200014702

日期: 2012年01月12日 第1页,共5页

济南汇百川化工有限公司 中国山东省济南市经济开发区南园国道路6019号

以下测试之样品是由申请者所提供及确认:特种碳黑

SGS工作编号:

TP12-003450 - TJ

成分:

碳

样品接收日期:

2012年01月09日

测试周期:

2012年01月09日 - 2012年01月12日

测试要求:

根据客户要求测试

测试方法:

请参见下一页

测试结果:

请参见下一页

结论:

基于所送样品进行的测试,镉、铅、汞、六价铬、多溴联苯(PBB)、多溴二苯 醚(PBDE)的测试结果符合欧盟RoHS指令2002/95/EC的重订指令2011/65/EU附

录Ⅱ的限值要求。

通标标准技术服务有限公司 授权签名

beca

in) Co Ltd

Reabeca Zhou周艳

批准签署人

备注: 根据客户申请, SGS出具了此中文报告, 英文版本可根据客户要求提供. (The Chinese test report is issued according to the applicant's request. The English version is available from SGS if further needed)

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms and conditions. https://www.sgs.com/terms e-document. <a href="https://www.sgs.com/ter

SGS Mansion, No. 41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65288000 f (86-22) 25295252 中国·天津市经济技术开发区第五大街41号SGS大厦 邮编: 300457

t (86-22) 65288000 f (86-22) 25295252



No. TSNEC1200014702

日期: 2012年01月12日

第2页,共5页

测试结果:

样品部件外观描述:

描述 样品编号 SGS样品ID TSN12-000147.001 黑色粉末 1

备注:

(1) 1 mg/kg = 1 ppm = 0.0001%

(2) MDL = 方法检测限

in) Co. Ltd.

(3) ND = 未检出 (< MDL)

(4) "-" = 未规定

RoHS指令2011/65/EU

测试方法:

参考IEC 62321:2008:

(1) 用ICP-OES测定镉的含量.

(2) 用ICP-OES测定铅的含量.

(3) 用ICP-OES测定汞的含量.

(4) 用紫外-可见分光光度计比色法测定六价铬的含量.

(5) 用GC-MS测定PBBs(多溴联苯)和PBDEs(多溴二苯醚)的含量.

<u>测试项目</u>	<u>限值</u>	<u>单位</u>	<u>MDL</u>	<u>001</u>
镉(Cd)	100	mg/kg	2	ND
铅(Pb)	1,000	mg/kg	2	9
汞(Hg)	1,000	mg/kg	2	ND
六价铬(Cr(VI))	1,000	mg/kg	2	ND
多溴联苯之和(PBBs)	1,000	mg/kg	-	ND
一溴联苯	-	mg/kg	5	ND
二溴联苯	-	mg/kg	5	ND
三溴联苯	-	mg/kg	5	ND
四溴联苯	-	mg/kg	5	ND
五溴联苯	-	mg/kg	5	ND
六溴联苯	-	mg/kg	5	ND
七溴联苯	-	mg/kg	5	ND
八溴联苯	-	mg/kg	5	ND
九溴联苯	-	mg/kg	5	ND
十溴联苯	-	mg/kg	5	ND
多溴二苯醚之和(PBDEs)	1,000	mg/kg	-	ND
一溴二苯醚	-	mg/kg	5	ND

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms and conditions. http://www.sgs.com/terms e-document.htm. Attention is drawn to the limitation of liability intermitted from an division of printing at the time of liability intermitted from an division of the company's findings at the time of its interesting and the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction for preventing all their lights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. As unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

The company is a solution of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Mansion, No. 41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65288000 f (86-22) 25295252 中国·天津市经济技术开发区第五大街41号SGS大厦 邮编: 300457

t (86-22) 65288000 f (86-22) 25295252

www.cn.sgs.com e sgs.china@sgs.com



测试报告	No. TSNEC1200014702		日期: 2012年01月12日		第3页,共5页
测试项目	<u>限值</u>	<u>单位</u>	<u>MDL</u>	<u>001</u>	
二溴二苯醚	-	mg/kg	5	ND	
三溴二苯醚	-	mg/kg	5	ND	
四溴二苯醚	-	mg/kg	5	ND	
五溴二苯醚	-	mg/kg	5	ND	
六溴二苯醚	-	mg/kg	5	ND	
七溴二苯醚	-	mg/kg	5	ND	
八溴二苯醚	-	mg/kg	5	ND	
九溴二苯醚	-	mg/kg	5	ND	
十溴二苯醚	-	mg/kg	5	ND	

备注:

(1) 最大允许极限值引用自指令2011/65/EU 附录II.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms and conditions.

httm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms e-document.htm. Attention is drawn to the limitation of liability internation and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intercention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction for exercising all their what and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company.

Advanauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated (beresults shown in this test report refer only to the sample(s) tested.

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65288000 f (86-22) 25295252 中国·天津市经济技术开发区第五大街41号SGS大厦 邮编: 300457

njin) Co.,Ltd.

t (86-22) 65288000 f (86-22) 25295252

www.cn.sgs.com e sgs.china@sgs.com



No. TSNEC1200014702

日期: 2012年01月12日

第4页,共5页

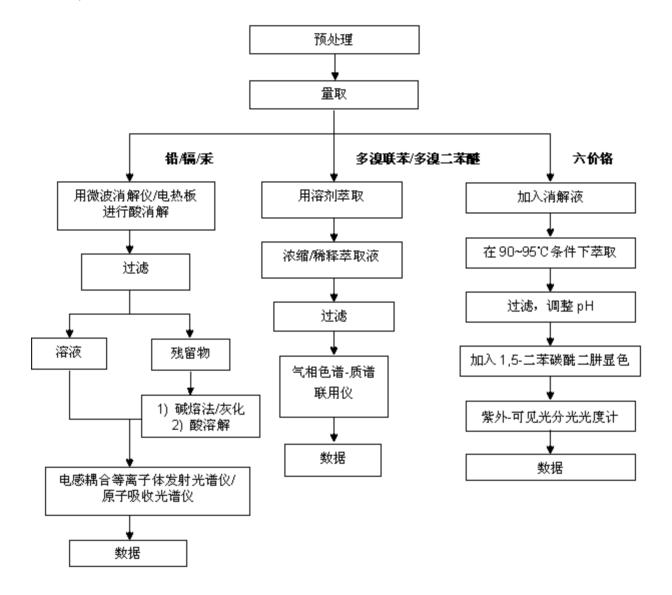
附件

镉俗。示价格多溴联苯多溴二苯醚测试流程图

- 1) 分析人员: 王富强/李忠号/姚凌峰
- 2) 项目负责人: 尹彦欣/朱敏

nin) Co. Ltd.

3) 样品按照下述流程被完全消解(六价铬和多溴联苯/多溴二苯醚测试除外)



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms and conditions. In the initiation of Electronic Documents at www.sgs.com/terms e-document. Attention is drawn to the limitation of liability integrating the properties of the company of this document is advised that information contained hereon reflects the Company's findings at the most of its instruction only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their Juhts and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any sunauthorized alternative, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated (be results shown in this test report refer only to the sample(s) tested.

SGS Mansion, No. 41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65288000 f (86-22) 25295252 中国·天津市经济技术开发区第五大街41号SGS大厦

邮编: 300457 t (86-22) 65288000 f (86-22) 25295252

www.cn.sgs.com e sgs.china@sgs.com



No. TSNEC1200014702

日期: 2012年01月12日

第5页,共5页

样品照片:



此照片仅限于随SGS正本报告使用

*** 报告完 ***

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms and conditions. http://www.sgs.com/terms e-document.htm. Attention is drawn to the limitation of liability intermitted from an division of printing at the time of liability intermitted from an division of the company's findings at the time of its interesting and the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction for preventing all their lights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. As unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

The company is a solution of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65288000 f (86-22) 25295252 中国·天津市经济技术开发区第五大街41号SGS大厦

iin) Co Ltd

邮编: 300457 t (86-22) 65288000 f (86-22) 25295252