

## 测试报告

No. TSNEC1601654518

日期: 2016年09月19日 第1页,共6页

平顶山神马工程塑料有限责任公司  
中国河南省平顶山市建设路711号

以下测试之样品是由申请者所提供及确认: 尼龙66

SGS工作编号: TP16-007258 - TJ

型号: EPR2702

样品接收日期: 2016年09月12日

测试周期: 2016年09月12日 - 2016年09月19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: 基于所送样品的进行的测试, 镉、铅、汞、六价铬、多溴联苯(PBBs)、多溴二苯醚(PBDEs)、邻苯二甲酸酯(如邻苯二甲酸二丁酯(DBP)、邻苯二甲酸丁苄酯(BBP)、邻苯二甲酸二(2-乙基己基)酯(DEHP)和邻苯二甲酸二异丁酯(DIBP)的测试结果符合欧盟RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863的限值要求。

通标标准技术服务(天津)有限公司  
授权签名

Reabeca Zhou周艳  
批准签署人

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SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.  
Chemical Laboratory

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测试结果:

### 测试样品描述:

样品编号	SGS样品ID	描述
SN1	TSN16-016545.009	白色塑料颗粒

备注:

- (1) 1 mg/kg = 0.0001%
- (2) MDL = 方法检测限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

### RoHS 指令2011/65/EU附录II的修正指令(EU) 2015/863

- 测试方法:
- (1) 参考IEC 62321-5:2013, 用ICP-OES测定镉的含量
  - (2) 参考IEC 62321-5:2013, 用ICP-OES测定铅的含量
  - (3) 参考IEC 62321-4:2013, 用ICP-OES测定汞的含量
  - (4) 参考IEC 62321:2008, 用紫外-可见分光光度计比色法测定六价铬的含量
  - (5) 参考IEC 62321-6:2015, 用GC-MS测定PBBs(多溴联苯)和PBDEs(多溴二苯醚) 的含量
  - (6) 参考EN 14372:2004, 用GC-MS测定邻苯二甲酸酯的含量

测试项目	限值	单位	MDL	009
镉(Cd)	100	mg/kg	2	ND
铅(Pb)	1000	mg/kg	2	ND
汞(Hg)	1000	mg/kg	2	ND
六价铬(Cr(VI))	1000	mg/kg	2	ND
多溴联苯之和(PBBs)	1000	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)	1000	mg/kg	-	ND
一溴二苯醚	-	mg/kg	5	ND

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测试项目	限值	单位	MDL	009
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
邻苯二甲酸二丁酯(DBP)	1000	mg/kg	30	ND
邻苯二甲酸丁苄酯(BBP)	1000	mg/kg	30	ND
邻苯二甲酸二(2-乙基己基)酯(DEHP)	1000	mg/kg	30	ND
邻苯二甲酸二异丁酯(DIBP)	1000	mg/kg	30	ND

备注:

(1) 最大允许限值引用自RoHS指令(EU) 2015/863.



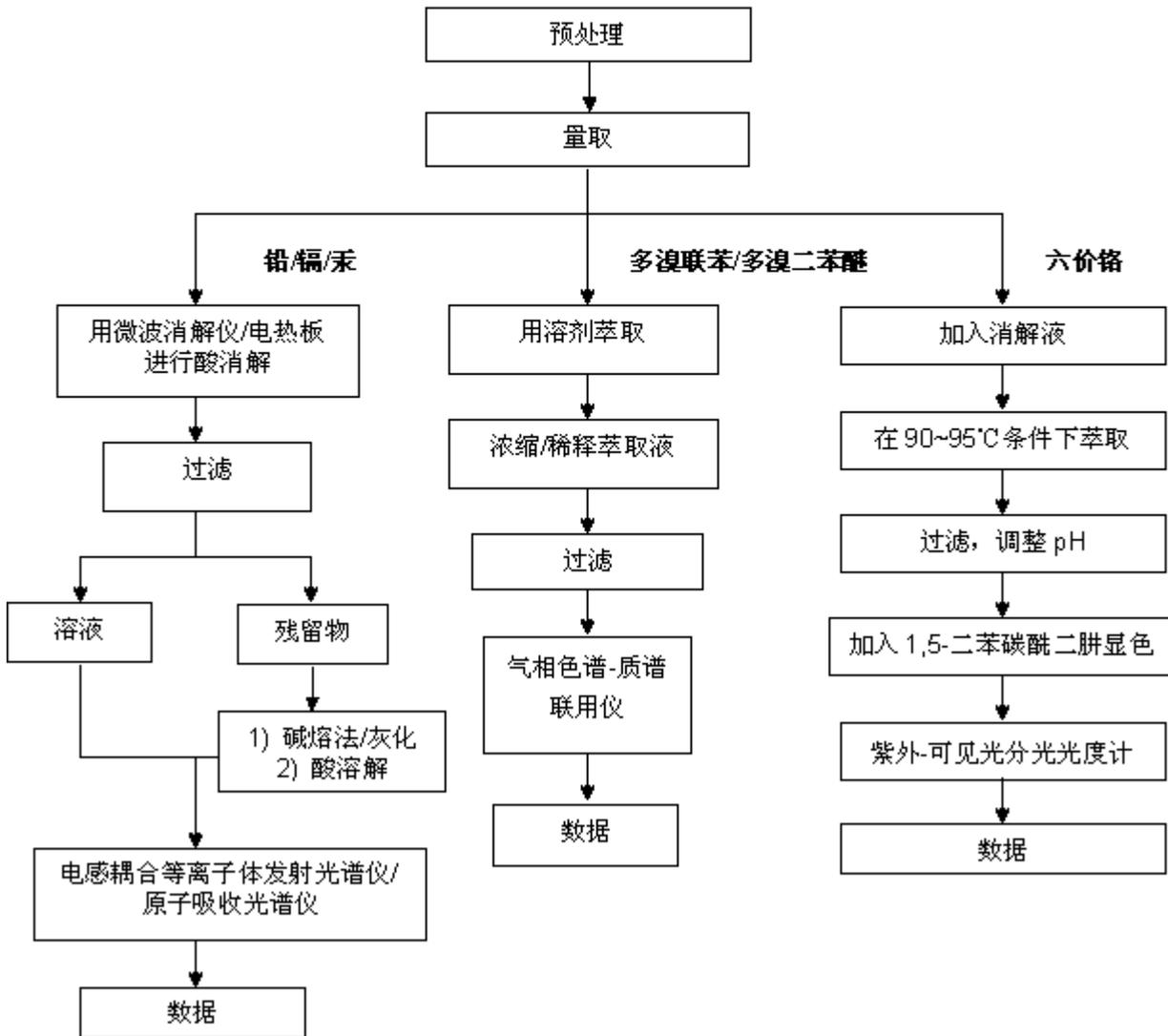
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附件

**镉/铅/汞/六价铬/多溴联苯/多溴二苯醚测试流程图**

- 1) 分析人员: 魏冬/侯玮玮/梁磊
- 2) 项目负责人: 王富强/姚凌峰/朱敏
- 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)



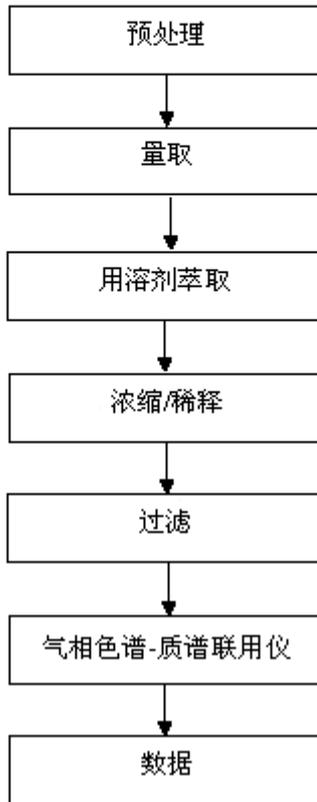
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附件

### 邻苯二甲酸酯测试流程图

- 1) 分析人员: 崔志松
- 2) 项目负责人: 朱敏

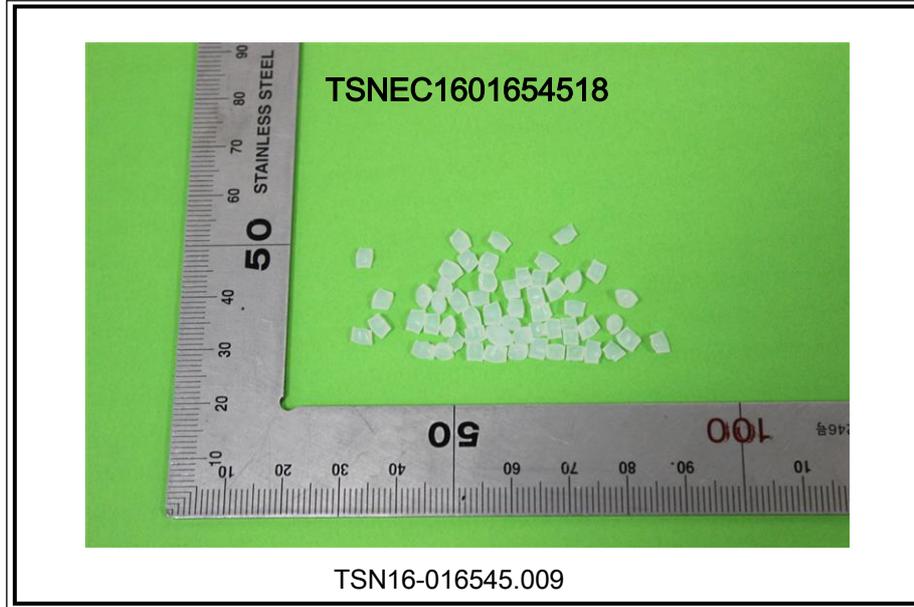


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