

测试报告

No. TSNHG1601665501

日期: 2016年09月20日

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天津市华元正兴橡塑制品有限公司
天津市西青区张家窝镇张家窝村村南

以下测试之样品是由申请者所提供及确认 : RUBBER

SGS工作编号 : TJHL1609003895BC - TJ
供应商 : 天津市华元正兴橡塑制品有限公司
制造商 : 天津市华元正兴橡塑制品有限公司
原产国 : CHINA
目的地/国 : GERMANY
样品接收日期 : 2016年09月13日
测试周期 : 2016年09月13日 - 2016年09月20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

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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测试结果:

测试样品描述:

| 样品编号 | SGS样品ID | 描述 |
|------|------------------|-------|
| SN1 | TSN16-016655.001 | 黑色橡胶片 |

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

多环芳香烃(PAHs)

测试方法: 参考AfPS GS 2014:01 PAK 方法测试, 采用 GC-MS进行分析.

| 测试项目 | 单位 | MDL | 001 |
|---------------------------------------------------------------------------|-------|-----|------|
| 苯并(a)芘 (BaP) | mg/kg | 0.1 | ND |
| 苯并(e)芘 (BeP) | mg/kg | 0.1 | ND |
| 苯并(a)蒽 (BaA) | mg/kg | 0.1 | ND |
| 苯并(b)荧蒽 (BbF)和苯并(j)荧蒽 (BjF) | mg/kg | 0.1 | ND |
| 苯并(k)荧蒽 (BkF) | mg/kg | 0.1 | ND |
| 䓛 (CHR) | mg/kg | 0.1 | ND |
| 二苯并(a,h)蒽(DBA) | mg/kg | 0.1 | ND |
| 苯并(g,h,i)芘(二萘嵌苯) (BPE) | mg/kg | 0.1 | ND |
| 茚苯(1,2,3-c,d)芘 (IPY) | mg/kg | 0.1 | ND |
| 苊烯(ANY) | mg/kg | 0.1 | 1.8 |
| 苊(萘嵌戊烷) (ANA) | mg/kg | 0.1 | ND |
| 芴 (FLU) | mg/kg | 0.1 | ND |
| 菲 (PHE) | mg/kg | 0.1 | 1.0 |
| 芘 (PYR) | mg/kg | 0.1 | 5.9 |
| 蒽 (ANT) | mg/kg | 0.1 | ND |
| 荧蒽 (FLT) | mg/kg | 0.1 | 0.9 |
| 7项多环芳香烃总和[苊烯(ANY),苊(萘嵌戊烷) (ANA),芴 (FLU),菲 (PHE),芘 (PYR),蒽 (ANT),荧蒽 (FLT)] | mg/kg | - | 9.6 |
| 萘 (NAP) | mg/kg | 0.1 | 1.4 |
| 18项多环芳香烃总和 | mg/kg | - | 11.0 |



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AfPS(德国产品安全委员会):GS 认证对多环芳香烃的要求

| 参数 | 1类 | 2类 | | 3类 | |
|-------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------|--------------|------------------------------------------------|--------------|
| | 设计意图为放入口中的材料或者玩具上与皮肤接触的材料 (接触时间大于30秒). | 未在 1类规定中涵盖的材料,且可能与皮肤接触时间大于 30 秒的材料 (长时间接触皮肤或频繁接触皮肤). | | 未在 1 和 2 类规定中涵盖的材料,且可能与皮肤接触的少于 30 秒的材料(短期接触皮肤) | |
| | | 2009/48/EC 中适用的玩具 | 产品安全法涉及的其他产品 | 2009/48/EC 中适用的玩具 | 产品安全法涉及的其他产品 |
| 苯并(a)芘 (BaP) mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 苯并(e)芘 (BeP) mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 苯并(a)蒽 (BaA) mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 苯并(b)荧蒽 (BbF) mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 苯并(j)荧蒽 (BjF) mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 苯并 (k) 荧蒽 mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 䓛 (CHR) mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 二苯并(a,h)蒽(DBA)mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 苯并(g,h,i)芘(二苯嵌苯) (BPE)n mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 茚苯(1,2,3-c,d)芘 (IPY) mg/kg | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 苊烯(ANY), 芈(萘嵌戊烷) (ANA), 芈(FLU), 菲(PHE), 芈(PYR), 蒽(ANT), 荧蒽(FLT)之和 mg/kg | < 1 (总和) | < 5 (总和) | < 10 (总和) | < 20 (总和) | < 50 (总和) |
| 萘(NAP) mg/kg | < 1 | < 2 | | < 10 | |
| 18 PAH之和 | <1 | < 5 | < 10 | < 20 | < 50 |

备注: (1) 2014 年 8 月 4 日, 德国产品安全委员会 (AfPS) 发布了关于多环芳香烃 (PAHs) 新文件, 该文件已被 GS 认证机构对于进行 GS 标志认证所考虑。

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样品照片:



此照片仅限于随SGS正本报告使用

*** 报告完 ***

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