

测试报告

No. SHAHG1910518302

日期: 2019年05月28日 第1页,共4页

浙江普伊流体科技有限公司
浙江省温州市龙湾区滨海三道4299号

以下测试之样品是由申请者所提供及确认: 硅胶密封圈

SGS工作编号: SHHL1905025114OT - SH
 样品接收日期: 2019年05月21日
 测试周期: 2019年05月21日 - 2019年05月28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

测试结果概要:

测试要求	结论
双酚-A	见测试结果
CPSIA第108章节修订法案---美国消费品安全委员会 (CPSC) 关于限制玩具和儿童护理用品用品中特定邻苯二甲酸酯的最终规则---16 CFR 1307	符合
1907/2006/EC Reach 附录XVII第51条的修正法案(EU) 2018/2005- 邻苯二甲酸盐含量	符合
1907/2006/EC Reach 附录XVII的修正指令-552/2009/EC第52条(前身为2005/84/EEC)- 邻苯二甲酸盐(或酯)含量	符合

通标标准技术服务(上海)有限公司
授权签名

Jenny Yao 姚娜
批准签署人



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测试报告

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日期: 2019年05月28日 第2页,共4页

测试结果:

测试样品描述:

样品编号	SGS样品ID	描述
SN1	SHA19-105183.001	半透明硅胶圈 (小)
SN2	SHA19-105183.002	半透明硅胶圈 (大)

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

双酚-A

测试方法: 采用有机溶剂进行萃取, 采用HPLC-MS进行分析。

测试项目	单位	MDL	002
双酚A	mg/kg	0.1	ND

CPSIA第108章节修订法案—美国消费品安全委员会 (CPSC) 关于限制玩具和儿童护理用品中特定邻苯二甲酸酯的最终规则—16 CFR 1307

测试方法: 参考CPSC-CH-C1001-09.4(2018) 方法测试, 采用GC-MS进行分析。

测试项目	CAS NO.	限值	单位	MDL	001
邻苯二甲酸丁苄酯 (BBP)	85-68-7	0.1	%	0.005	ND
邻苯二甲酸二丁酯 (DBP)	84-74-2	0.1	%	0.005	ND
邻苯二甲酸二环己酯 (DCHP)	84-61-7	0.1	%	0.005	ND
邻苯二甲酸二(2-乙基)己酯 (DEHP)	117-81-7	0.1	%	0.005	ND
邻苯二甲酸二正己酯 (DHEXP/ DnHP)	84-75-3	0.1	%	0.005	ND
邻苯二甲酸二异丁酯 (DIBP)	84-69-5	0.1	%	0.005	ND
邻苯二甲酸二异壬酯 (DINP)	28553-12-0 /68515-48-0	0.1	%	0.005	ND
邻苯二甲酸二戊酯 (DPENP)	131-18-0	0.1	%	0.005	ND
结论					符合

备注:



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(1) 美国消费品安全委员会(CPSC)于2017.10.27在联邦公报中发布了最终规则(82 FR 49938), 该规则基于CPSIA第108章节, 对其中管控玩具和儿童护理品中的邻苯二甲酸酯的要求进行了更新, 增加至8项邻苯二甲酸酯; 该最终规则将于2018.4.25日正式生效, 所有在此日期后生产和进口的玩具和儿童护理品都必须符合该规则的要求。

1907/2006/EC Reach附录XVII第51条的修正法案(EU) 2018/2005-邻苯二甲酸盐含量

测试方法: 参照EN 14372: 2004的方法, 采用GC-MS进行分析。

测试项目	限值	单位	MDL	001
邻苯二甲酸二丁酯(DBP)	0.1	%	0.003	ND
邻苯二甲酸丁苄酯(BBP)	0.1	%	0.003	ND
邻苯二甲酸二(2-乙基己基)酯(DEHP)	0.1	%	0.003	ND
邻苯二甲酸二异丁酯(DIBP)	0.1	%	0.003	ND
合计(DBP + BBP + DEHP+DIBP)	0.1	%	-	ND
结论				符合

1907/2006/EC Reach附录XVII的修正指令-552/2009/EC第52条(前身为2005/84/EEC)-邻苯二甲酸盐(或酯)含量

测试方法: 参照EN 14372: 2004的方法, 采用GC-MS进行分析。

测试项目	限值	单位	MDL	001
邻苯二甲酸二异壬酯 (DINP)	-	%	0.01	ND
邻苯二甲酸二正辛酯 (DNOP)	-	%	0.003	ND
邻苯二甲酸二异癸酯 (DIDP)	-	%	0.01	ND
合计(DINP + DNOP + DIDP)	0.1	%	-	ND
结论				符合

备注:

欧盟采用1907/2006/EC Reach 附录XVII的修正指令——552/2009/EC 第52条(前身为2005/84/EEC);
 (1) 该指令禁止质量百分比超过0.1%的DINP, DNOP和DIDP用在儿童可能吞咽的任何玩具中。
 检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。

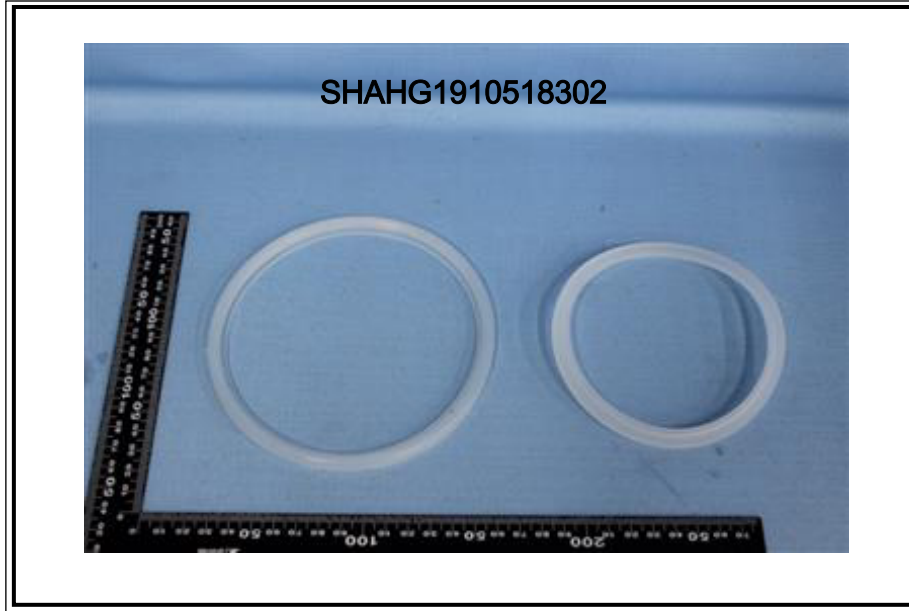


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