



检测报告 Test Report

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Changzhou Casaland Plastic Co.,Ltd

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No. 1-5 Chuang xin Road,Longhutang Street,XinBei District ,Changzhou City

样品信息 (Report on the submitted sample(s) said to be)

样品名称 (Sample Name) 1# TD2309

样品接受日期 (Sample Received Date) 2016-11-04 (Nov.04,2016)

样品检测日期 (Testing Period) 2016-11-04—2016-11-09 (Nov.04,2016 to Nov.09,2016)

检测要求 (Testing Requested) 根据客户要求, 依据 RoHS 指令 2015/863/EU 附录 II 的要求测定 1#样品中 RoHS 2.0 (Pb,Cd,Hg,Cr⁶⁺, PBBs, PBDEs,DBP,BBP,DEHP,DIBP)的含量。
As per client's request,to determine the RoHS 2.0 (Pb,Cd,Hg,Cr⁶⁺, PBBs, PBDEs,DBP,BBP,DEHP,DIBP) in the submitted sample according to RoHS Directive 2015/863/EU Annex II.

检测结果 (Testing Results) 见后续页 (Please refer to next page(s))

检测结论 (Remark) 基于所送样品进行测试, 镉、铅、汞、六价铬、多溴联苯、多溴联苯醚、邻苯二甲酸二丁酯、邻苯二甲酸丁基苄酯、邻苯二甲酸二(2-乙基己基)酯、邻苯二甲酸二异丁酯的测试结果符合欧盟 RoHS 指令 2015/863/EU 附录 II 的限值要求。
Based on the test samples,the test results of Cadmium(Cd),Lead(Pb),Mercury(Hg), Hexavalent Chromium (Cr⁶⁺),The sum of Polybrominated Biphenyls(PBBs) and The sum of Polybrominated Diphenyl Ethers(PBDEs) ,Dibutyl Phthalate (DBP) ,Benzylbutyl Phthalate (BBP) ,Bis-(2-ethylhexyl) Phthalate (DEHP) ,Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive 2015/863/EU Annex II.

签 发 (Signer): 

签发日期 (Date): 2016-11-09 (Nov.09,2016)



Note:

If you have any questions about this test report, please contact the following person:

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RoHS 2.0 的检测结果 Determination of RoHS 2.0 (unit: mg/kg)

检测方法

(Testing method)

- (1)依据 IEC 62321-5:2013, 采用 ICP-OES 进行测定;
With reference to IEC 62321-5:2013. By ICP - OES for measuring;
- (2)依据 IEC 62321-4:2013, 采用 ICP-OES 进行测定;
With reference to IEC 62321-4:2013. By ICP-OES for measuring;
- (3)依据 IEC 62321:2008, 采用 UV-VIS 进行测定;
With reference to IEC 62321:2008. By UV-VIS for measuring;
- (4)依据 IEC 62321-6:2015, 采用 GC-MS 进行测定。
With reference to IEC 62321-6:2015. By GC-MS for measuring.
- (5)参照 EN 14372-2004, 采用 GC-MS 进行测定。
With reference to EN 14372-2004. By GC-MS for measuring.

测试项目 (Testing Item(s))	方法 (Method)	MDL	限量 (Limit)	1#
铅 Lead (Pb)	(1)	2	1000	ND
镉 Cadmium (Cd)		2	100	ND
汞 Mercury (Hg)	(2)	2	1000	ND
六价铬 Chromium(VI) (Cr ⁶⁺)	(3)	2	1000	ND
多溴联苯 Polybrominated Biphenyls (PBBs)	(4)	—	1000	ND
多溴联苯醚 Polybrominated Diphenyl Ethers (PBDEs)		—	1000	ND
邻苯二甲酸二丁酯 (DBP) Dibutyl Phthalate (DBP)	(5)	50	1000	ND
邻苯二甲酸丁基苄酯 (BBP) Benzylbutyl Phthalate (BBP)		50	1000	ND
邻苯二甲酸二(2-乙基己基)酯 (DEHP) Bis-(2-ethylhexyl) Phthalate (DEHP)		50	1000	ND
邻苯二甲酸二异丁酯 (DIBP) Diisobutyl phthalate (DIBP)		50	1000	ND

备注 Note:

- (1) 1mg/kg=1ppm=0.0001% (1 mg/kg=1 ppm=0.0001%)
(2) MDL=检测极限值 (MDL=Method Detection Limit)
(3) ND=未检出 (<MDL) (ND=Not Detected (<MDL))
(4) “—”=未规定 (“—”=Not Regulated)
(5) 多溴联苯醚=多溴二苯醚 Polybrominated diphenyl ethers



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备注 (6) 多溴联苯、多溴联苯醚列表及检测极限值 (MDL)

Note: Polybrominated Biphenyls、Polybrominated Diphenyl Ethers list,and detection limit (MDL)

多溴联苯 Polybrominated Biphenyls (PBBs)	MDL	多溴联苯醚 Polybrominated Diphenyl Ethers (PBDEs)	MDL
一溴联苯 Bromobiphenyl	5	一溴联苯醚 Bromobiphenyl ether	5
二溴联苯 Dibromobiphenyl	5	二溴联苯醚 Dibromobiphenyl ether	5
三溴联苯 Tribromobiphenyl	5	三溴联苯醚 Tribromobiphenyl ether	5
四溴联苯 Tetrabromobiphenyl	5	四溴联苯醚 Tetrabromodiphenyl ether	5
五溴联苯 Pentabromobiphenyl	5	五溴联苯醚 Pentabromodiphenyl ether	5
六溴联苯 Hexabromobiphenyl	5	六溴联苯醚 Hexabromodiphenyl ether	5
七溴联苯 Heptabromobiphenyl	5	七溴联苯醚 Heptabromodiphenyl ether	5
八溴联苯 Octabromobiphenyl	5	八溴联苯醚 Octabromobiphenyl ether	5
九溴联苯 Nonabromobiphenyl	5	九溴联苯醚 Nonabromobiphenyl ether	5
十溴联苯 Decabromodiphenyl	5	十溴联苯醚 Decabromobiphenyl ether	5

样品照片 (Sample photo) :



报告结束(End of report)

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