

测试报告

No. CANEC2020339702

日期: 2020年11月23日 第1页,共6页

东莞市宝裕实业有限公司
东莞市横沥镇村尾工业区

以下测试之样品是由申请者所提供及确认: 增稠剂

SGS工作编号: CP20-059655 - GZ
 样品接收日期: 2020年11月17日
 测试周期: 2020年11月17日 - 2020年11月23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
EN 71-3:2019 - 可溶性元素含量(类别III :可刮取的玩具材料)	符合
甲醛	见测试结果
壬基酚聚氧乙烯醚(NPEO) , 辛基酚聚氧乙烯醚(OPEO)	见测试结果
邻苯二甲酸酯	见测试结果

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授权签名

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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	CAN20-203397.001	白色液体
SN2	CAN20-203397.002	白色液体

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

EN 71-3:2019 - 可溶性元素含量(类别III:可刮取的玩具材料)

测试方法: 参考EN 71-3:2019, 采用 ICP-OES 进行分析。
六价铬用IC-UV/LC-ICP-MS 进行分析。

测试项目	限值	单位	MDL	002
可溶性铝 (Al)	70000	mg/kg	50	ND
可溶性砷 (As)	47	mg/kg	10	ND
可溶性硼 (B)	15000	mg/kg	50	ND
可溶性钡 (Ba)	18750	mg/kg	50	ND
可溶性镉 (Cd)	17	mg/kg	5	ND
可溶性钴 (Co)	130	mg/kg	10	ND
可溶性三价铬 (CrIII)	460	mg/kg	5	ND
可溶性铜 (Cu)	7700	mg/kg	50	ND
可溶性汞 (Hg)	94	mg/kg	10	ND
可溶性锰 (Mn)	15000	mg/kg	50	ND
可溶性镍 (Ni)	930	mg/kg	10	ND
可溶性铅 (Pb)	23	mg/kg	10	ND
可溶性铈 (Sb)	560	mg/kg	10	ND
可溶性硒 (Se)	460	mg/kg	10	ND
可溶性锌 (Zn)	46000	mg/kg	50	ND
可溶性锶 (Sr)	56000	mg/kg	50	ND
可溶性锡 (Sn)	180000	mg/kg	4.9	ND
可溶性有机锡	12	mg/kg	-	ND
可溶性六价铬 (CrVI)	0.053	mg/kg	0.020	ND
结论				符合



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备注:

- 1 可溶性三价铬=可溶性总铬-可溶性六价铬
- 2.如果可溶性总锡的结果,经过换算后不超过EN 71-3:2019规定的可溶性有机锡的要求,则不要求做可溶性有机锡的确认性测试。
- 3.所示结果为烘干样品总重量中的含量。

甲醛

测试方法: 参考ISO 27587:2009, 用HPLC-DAD分析。

测试项目	单位	MDL	001
游离甲醛含量	mg/kg	20.0	ND

壬基酚聚氧乙烯醚(NPEO), 辛基酚聚氧乙烯醚(OPEO)

测试方法: SGS内部方法(GZTC CHEM-TOP-063-01, 参考EPA 3550C:2007和EPA 8321B: 2007), 采用LC-MS进行分析。

测试项目	单位	MDL	001
壬基酚聚氧乙烯醚(NPEO)	mg/kg	50	ND
辛基酚聚氧乙烯醚(OPEO)	mg/kg	50	ND

备注:

- (1) 需要时用GC-MS确认。

邻苯二甲酸酯

测试方法: 参考IEC 62321-8 :2017, 用GC-MS测定邻苯二甲酸酯的含量。

测试项目	CAS NO.	单位	MDL	001
邻苯二甲酸二丁酯 (DBP)	84-74-2	%(w/w)	0.005	ND
邻苯二甲酸丁苄酯 (BBP)	85-68-7	%(w/w)	0.005	ND
邻苯二甲酸二(2-乙基己基)酯 (DEHP)	117-81-7	%(w/w)	0.005	ND
邻苯二甲酸二异壬酯 (DINP)	28553-12-0 / 68515-48-0	%(w/w)	0.005	ND
邻苯二甲酸二正辛酯 (DNOP)	117-84-0	%(w/w)	0.005	ND
邻苯二甲酸二异癸酯 (DIDP)	26761-40-0 / 68515-49-1	%(w/w)	0.005	ND

除非另有说明, 此报告结果仅对测试的样品负责。本报告未经本公司书面许可, 不可部分复制。

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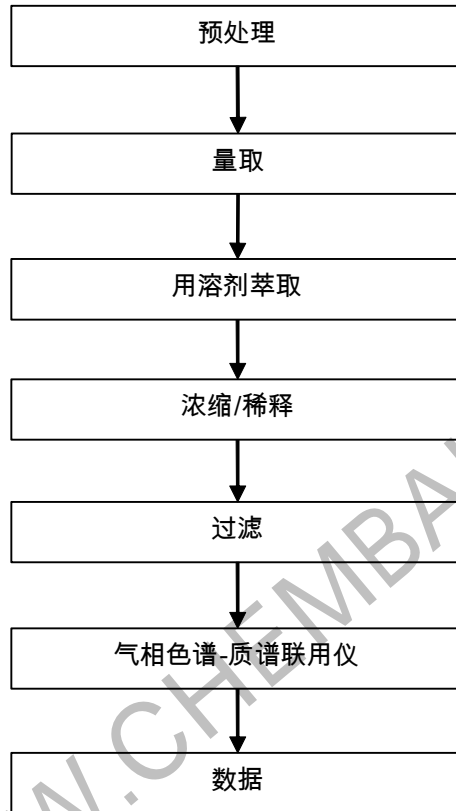


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附件

Phthalates 测试流程图



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