

测试报告

No. CANEC2011755206

日期: 2020年07月20日 第1页,共7页

东莞市吉得塑胶有限公司
东莞市横沥镇田坑村第三工业区

以下测试之样品是由申请者所提供及确认: TPU 胶粒

SGS工作编号: CP20-035644 - SZ
型号: TPU 胶粒
主要成份: 请见remark
样品接收日期: 2020年07月14日
测试周期: 2020年07月14日 - 2020年07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

通标标准技术服务有限公司广州分公司
授权签名

李嘉欣

Jessie Li 李嘉欣
批准签署人



测试结果:

测试样品描述:

样品编号	SGS样品ID	描述
SN1	CAN20-117552.001	无色透明塑胶粒

备注:

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

邻苯二甲酸盐(或酯)

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

测试项目	CAS NO.	单位	MDL	001
邻苯二甲酸二丁酯 (DBP)	84-74-2	%(w/w)	0.003	ND
邻苯二甲酸丁苄酯 (BBP)	85-68-7	%(w/w)	0.003	ND
邻苯二甲酸二(2-乙基己基)酯 (DEHP)	117-81-7	%(w/w)	0.003	ND
邻苯二甲酸二异壬酯 (DINP)	28553-12-0 / 68515-48-0	%(w/w)	0.010	ND
邻苯二甲酸二正辛酯 (DNOP)	117-84-0	%(w/w)	0.003	ND
邻苯二甲酸二异癸酯 (DIDP)	26761-40-0 / 68515-49-1	%(w/w)	0.010	ND
邻苯二甲酸二甲酯 (DMP)	131-11-3	%(w/w)	0.003	ND
邻苯二甲酸二乙酯 (DEP)	84-66-2	%(w/w)	0.003	ND
邻苯二甲酸二丙酯 (DPrP)	131-16-8	%(w/w)	0.003	ND
邻苯二甲酸二异丁酯 (DIBP)	84-69-5	%(w/w)	0.003	ND
邻苯二甲酸二戊酯 (DPEN/ DnPP)	131-18-0	%(w/w)	0.003	ND
邻苯二甲酸二正己酯 (DnHP)	84-75-3	%(w/w)	0.003	ND
邻苯二甲酸二环己酯 (DCHP)	84-61-7	%(w/w)	0.003	ND
邻苯二甲酸二苯酯 (DPhP)	84-62-8	%(w/w)	0.003	ND
邻苯二甲酸二苄酯 (DBzP)	523-31-9	%(w/w)	0.003	ND
邻苯二甲酸二壬酯 (DNP)	84-76-4	%(w/w)	0.003	ND
邻苯二甲酸二异辛酯 (DIOP)	27554-26-3	%(w/w)	0.010	ND
邻苯二甲酸二(2-甲氧基乙基)酯 (DMEP)	117-82-8	%(w/w)	0.003	ND



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测试报告

No. CANEC2011755206

日期: 2020年07月20日 第3页,共7页

测试项目	CAS NO.	单位	MDL	001
邻苯二甲酸二烯丙酯 (DAP)	131-17-9	%(w/w)	0.003	ND
邻苯二甲酸癸基辛基酯 (nDnOP)	119-07-3	%(w/w)	0.003	ND
邻苯二甲酸二癸酯 (DnDP)	84-77-5	%(w/w)	0.003	ND
邻苯二甲酸二异戊酯 (DIPP)	605-50-5	%(w/w)	0.003	ND
邻苯二甲酸正戊基异戊基酯 (nPIPP)	776297-69-9	%(w/w)	0.003	ND
邻苯二甲酸二(C6-8支链)烷基酯(富C7) (DIHP)	71888-89-6	%(w/w)	0.010	ND
邻苯二甲酸二(C7-11支链与直链)烷基(醇)酯 (DHNUF)	68515-42-4	%(w/w)	0.010	ND
己二酸二(2-乙基己基)酯(DEHA)	103-23-1	%(w/w)	0.003	ND
邻苯二甲酸二(4-甲基-2-戊基)酯 (BMPP)	146-50-9	%(w/w)	0.003	ND
邻苯二甲酸二(2-乙氧基)乙酯 (DEEP)	605-54-9	%(w/w)	0.003	ND
邻苯二甲酸二(2-丁氧基)乙酯 (DBEP)	117-83-9	%(w/w)	0.003	ND
邻苯二甲酸双十一烷酯 (DUDP)	3648-20-2	%(w/w)	0.003	ND
己二酸二异壬酯(DINA)	33703-08-1	%(w/w)	0.010	ND
邻苯二甲酸双十三烷基酯 (DTDP)	119-06-2	%(w/w)	0.003	ND
偏苯三酸三(2-乙基己)酯 (TOTM)	3319-31-1	%(w/w)	0.003	ND
对苯二甲酸二(2-乙基己)酯 (DOTP)	6422-86-2	%(w/w)	0.003	ND
邻苯二甲酸二庚酯 (DnHpP)	3648-21-3	%(w/w)	0.003	ND
邻苯二甲酸二(2-丙基庚)酯(DPHpP)	53306-54-0	%(w/w)	0.010	ND
邻苯二甲酸二(支链与直链)己基酯 (DHP)	68515-50-4	%(w/w)	0.010	ND
邻苯二甲酸二(支链与直链)戊基酯 (DPP)	84777-06-0	%(w/w)	0.010	ND
1,2-苯二甲酸, 二(C6-10)烷基酯 / 1,2-苯二甲酸, 混合二己二辛二癸酯, 混合二己二辛二癸酯, 其中邻苯二甲酸二己酯含量 ≥0.3%	68515-51-5/ 68648-93-1	%(w/w)	0.010	ND
1,2-环己烷二羧酸二异壬酯(DINCH)	166412-78-8	%(w/w)	0.010	ND
乙酰柠檬酸三丁酯 (Citroflex, ATBC)	77-90-7	%(w/w)	0.010	ND
邻苯二甲酸二异己酯(DIHxP)	71850-09-4	%(w/w)	0.010	ND
甲基六氢邻苯二甲酸酐,4-甲基六氢邻苯二甲酸酐,1-甲基六氢邻苯二甲酸酐,3-甲基六氢邻苯二甲酸酐 (MHHPA)	☆	%(w/w)	0.010	ND

备注:

(1) DBP、BBP、DEHP、DIBP参考信息: 欧盟决议(EC) No 1907/2006 REACH 附录XVII及其修正法案(EU) 2018/2005 第51条:

- i) 不允许DBP、BBP、DEHP、DIBP单一质量浓度或质量浓度总和等于或高于0.1%的可塑性物料用于玩具和儿童护理品。
 - ii) 当玩具和儿童护理品中的可塑性物料含DBP、BBP、DEHP单一质量浓度或质量浓度总和等于或高于0.1%时, 不得投放市场。另外, 当玩具和儿童护理品中的可塑性物料含DIBP单一质量浓度或DBP、BBP、DEHP、DIBP质量浓度总和等于或高于0.1%时, 2020年7月7日后不得投放市场。
 - iii) 当成品中的可塑性物料含DBP、BBP、DEHP、DIBP单一质量浓度或质量浓度总和等于或高于0.1%时, 2020年7月7日后不得投放市场。
- 详细信息请参见Regulation (EU) 2018/2005



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(2) DINP、DNOP、DIDP参考信息: 欧盟决议(EC) No 1907/2006 REACH 附录XVII及修正法案(EU) 2015/326 第52条:

- i) 不允许DINP、DNOP、DIDP质量浓度高于0.1%的可塑性物料用于可放入儿童口中的玩具和儿童护理品。
- ii) 当可放入儿童口中的玩具和儿童护理品中的可塑性物料含DINP, DNOP, DIDP质量浓度高于0.1%时, 不得投放市场。

详细信息请参见Regulation (EU) 2015/326

(3) ☆甲基六氢邻苯二甲酸酐,4-甲基六氢邻苯二甲酸酐,1-甲基六氢邻苯二甲酸酐,3-甲基六氢邻苯二甲酸酐 (MHHPA) CAS No.: 25550-51-0,19438-60-9,48122-14-1,57110-29-9

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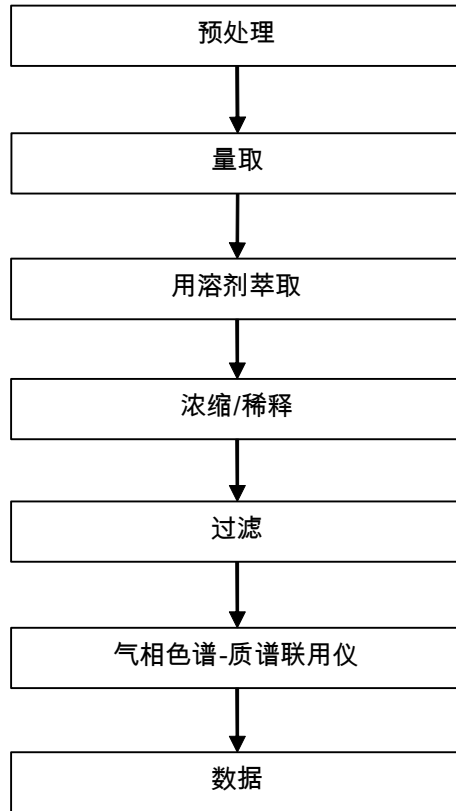
Remark

A-80A A-82A(QD8) A-83A A-85A(QD8) A-90A A-92A(QD8) A-95A(QD8) A-98A(QD8) A-55D(QD8)
A-60D(QD8) A-64D(QD8) A-71D A-72D(QD8)
AB-(4)85A(T)(U) AB-(4)92A(T)(U) AB-(4)95A(T)(U) AB-(4)98A(T)(U)
AS-(4)85A(T)(U) AS-(4)92A(T)(U) AS-(4)95A(T)(U) AS-(4)98A(T)(U)
B75AY B80AY B82AY B85AY B90AY B95AY B98AY B60DY B64DY B71DY
C(0)-80A(H)(U) C(0)-85A(H)(U) C(0)-90A(H)(U) C(0)-95A(H)(U) C(0)-98A(H)(U) C(0)-60D(H)(U)
C(0)-64D(H)(U) C(0)-71D(H)(U)
E-(2)75A E-(2)(4)80A E-(2)(4)85A E-(2)(4)90A E-(2)(4)95A E-(2)(4)98A E-(2)(4)60D E-(2)(4)64D
EW-80A(P)(F) EW-85A(P)(F) EW-90A(P)(F) EW-95A(P)(F) EW-98A (P)(F)
V-80A(P)(SR) V-85A(P)(SR) V-90A(P)(SR) V-95A(P)(SR) V-60D(P)(SR) V-64D(P)(SR) V-72D(P)(SR)
G-180A G-185A G-190A G-160D G-164D G-171D G-174D
G-80A(U) G-85A(U)(X) G-92A(U)(X) G-95A(U)(X) G-98A(U)(X) G-60D(U)(X) G-64D(U)(X) G-71D(U)
I-60A(U) I-65A(U) I(S)-70A(U) I(S)-75A(U) I(S)-80A(U) I-85A(U) I-90A(U) I-95A(U)
T-1285A(U)(X) T-1290A(U)(X) T-1292A(U)(X) T-1295A(U)(X) T-1298A(U)(X)
T-280A(U)(S) T-285A(U)(S) T-290A(U)(S) T-295A(U)(S) T-298A(U)(S) T-260D(U)(S) T-264D(U)(S)
T-480A(U)(S) T(D)-485A(U)(S)(X) T(D)-490A(U)(S)(X) T(D)-495A(U)(S)(X) T(D)-498A(U)(S)(X)
T-460D(U)(S)(X) T-464D(U)(S) T-471D(U)(S)
T-680A(U)(S) T-685A(U)(S)(X) T-690A(U)(S)(X) T-695A(U)(S)(X) T-698A(U)(S)(X) T-660D(U)(S)(X)
T-664D(U)(S) T-671D(U)(S) T-895A(U)(S)
P-75A(U) P-80A(U) P-85A(U) P-90A(U) P-92A(U) P-95A(U) P-98A(U) P-60D(U) P-64D(U) P-71D(U)



附件

Phthalates 测试流程图



样品照片:



此照片仅限于随SGS正本报告使用

*** 报告完 ***