試驗報告

台灣塑膠工業股份有限公司

高雄市林園區溪州里石化一路1號之1

報告號碼：KE/2019/10632A-01
日　　期：2019/01/15
頁　　數： 第 1 頁, 共 5 頁

以下測試樣品係由客戶送樣, 且由客戶聲稱並經客戶確認如下:

樣品名稱	：	均聚物聚丙烯.
樣品顏色	：	白色半透明.
樣品型號	：	1003,1005,1005N,1005T,1009,1020,1020L,1020T,1024,1024T,1030T,1040,1040F,1040U,1080,1100,1120,1120D,1124,1124H,1202F,1250D,1350D,1352F,1352S,1450D,1600A,1600D,1600N,1700D,1900D,1990,2020,2020H,2020S,2080,2100,2100M,2100T,6005P,6020P.
樣品材質	：	聚丙烯.
收樣日期	：	2019/01/09.
測試期間	：	2019/01/09 TO 2019/01/15.
送樣廠商	：	台灣塑膠工業股份有限公司.

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--- 測試結果請見下頁 ---

張伯睿

報告簽署人/張伯睿 博士/技術經理
化學實驗室-高雄

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測試結果：

測試項目	單位	測試方法	MDL	測試結果
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 , 其中鄰苯二甲酸二己酯 (EC號201-559-5) 必須 ≥ 0.3% (CAS NO.68515-51-5/68648-93-1)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	100	n.d.
鄰苯二甲酸二(支鏈與直鏈)己基酯 (CAS NO.68515-50-4)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	100	n.d.
支鏈和直鏈1,2-苯二羧二戊酯 (CAS NO.84777-06-0)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰-苯二甲酸丁脂苯甲脂 (BBP) (CAS NO.85-68-7)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二(4-甲基-2-戊基)酯 (BMPP) (CAS NO.146-50-9)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二丙烯酯 (DAP) (CAS NO.131-17-9)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二(2-丁氧基)乙酯 (DBEP) (CAS NO.117-83-9)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二丁酯 (DBP) (CAS NO.84-74-2)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二苯甲酯 (DBZP) (CAS NO.523-31-9)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二環己酯 (DCHP) (CAS NO.84-61-7)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二(2-乙氧基)乙酯 (DEEP) (CAS NO.605-54-9)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
己二酸二(2-乙基己基)酯 (DEHA) (CAS NO.103-23-1)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.

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試驗報告

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測試項目	單位	測試方法	MDL	測試結果
鄰苯二甲酸二(2-乙己基)脂 (DEHP) (CAS NO.117-81-7)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
對苯二甲酸(2-乙基己)酯 (DEHT) (CAS NO.6422-86-2)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二乙酯 (DEP) (CAS NO.84-66-2)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
1,2-苯二酸-二(C7-11支鏈與直鏈)烷基(醇)酯 (DHNUP) (CAS NO.68515-42-4)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	100	n.d.
鄰苯二甲酸二庚酯 (DHpP) (CAS NO.3648-21-3)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二異丁酯 (DIBP) (CAS NO.84-69-5)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二異癸脂 (DIDP) (CAS NO.26761-40-0/68515-49-1)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	100	n.d.
1,2-苯二酸-二(C6-8支鏈)烷基酯(富C7) (DIHP) (CAS NO.71888-89-6)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	100	n.d.
鄰苯二甲酸二異己酯 (DIHXP) (CAS NO.71850-09-4)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	100	n.d.
己二酸二異壬酯 (DINA) (CAS NO.33703-08-1)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	100	n.d.
鄰苯二甲酸二異壬脂 (DINP) (CAS NO.28553-12-0/68515-48-0)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	100	n.d.
鄰苯二甲酸二異辛酯 (DIOP) (CAS NO.27554-26-3)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	100	n.d.
鄰苯二甲酸二異戊酯 (DiPP) (CAS NO.605-50-5)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二(2-甲氧基乙基)酯 (DMEP) (CAS NO.117-82-8)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二甲酯 (DMP) (CAS NO.131-11-3)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.

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測試項目	單位	測試方法	MDL	測試結果
對苯二甲酸二甲酯 (DMTP) (CAS NO.120-61-6)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二癸酯 (DnDP) (CAS NO.84-77-5)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二正己酯 (DNHP) (CAS NO.84-75-3)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二正壬酯 (DNNP) (CAS NO.84-76-4)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二正辛脂 (DNOP) (CAS NO.117-84-0)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二戊酯 (DnPP) (CAS NO.131-18-0)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二苯酯 (DPhP) (CAS NO.84-62-8)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸二(2-丙基庚)酯 (DPrHP) (CAS NO.53306-54-0)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	100	n.d.
鄰苯二甲酸二丙酯 (DPrP) (CAS NO.131-16-8)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸雙十一烷基酯 (DUDP) (CAS NO.3648-20-2)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	100	n.d.
鄰苯二甲酸單丁酯 (MBP) (CAS NO.131-70-4)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸-單-乙基己基酯 (MEHP) (CAS NO.4376-20-9)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸戊酯異戊酯 (nPiPP) (CAS NO.776297-69-9)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	30	n.d.
鄰苯二甲酸十一十二烷基酯 (UDP) (CAS NO.68515-47-9)	ppm	參考EN 14372方法, 以氣相層析質譜儀檢測.	250	n.d.

備　註 (1)：ppm = mg/kg
備　註 (2)：MDL = 方法偵測極限值
備　註 (3)：n.d. = 未偵測出
備　註 (4)：本報告為 KE/2019/10632之加發報告，報告加發日期 2019年01月15日。

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KE/2019/10632

** 報告結尾 **

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