

## 試驗報告

KE/2019/12229A-01

日期：2019/01/29

頁數：第 1 頁，共 11 頁

台灣塑膠工業股份有限公司  
台北市敦化北路 201 號 8 樓

以下測試樣品系由客戶送樣, 且由客戶聲稱並經客戶確認如下:

產品名稱 : 台塑鋼  
產品顏色 : 本色  
型號 : FM090  
樣品材質 : 聚甲醛  
送樣廠商 : 台灣塑膠工業股份有限公司  
樣品接收日期 : 2019/01/23  
測試期間 : 2019/01/23 ~ 2019/01/29

測試要求:

- 基於歐洲化學品管理署截止 2019 年 1 月 15 日公佈的供授權審議的高關注物質候選清單(根據歐盟第 1907/2006 號 REACH 法規), 對 197 種高關注物質進行篩分測試。

測試方法: 請參見下一頁

總結:

根據具體的測試範圍和分析技術, 樣品中測試的高關注物質濃度都 ≤ 0.1%(w/w)。	通過
---	----

本報告為 KE/2019/12229 之加發報告, 報告加發日期 2019 年 01 月 29 日。

張伯睿  
報告簽署人/張伯睿 博士/技術經理  
化學實驗室-高雄



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明, 此報告結果僅對測試之樣品負責。本報告未經本公司書面許可, 不可部份複製。  
This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

備註：

- (1) 本報告所涉及的關於特定高關注物質的化學分析是根據歐洲化學品管理署發佈的下列檔，利用現有的分析技術完成的。

<http://echa.europa.eu/web/guest/candidate-list-table> (候選清單)

這些檔清單由歐洲化學品管理署評估，將來可能會有變化。

- (2) 根據歐盟第 1907/2006 (EC) 號法規，如果滿足以下兩個條件，如果物質符合第 57 條中的標準並根據第 59 條第一款被確定，物品的任何歐洲製造商或進口商應根據第 7 條第 4 款向歐盟化學品管理署進行通報：(a) 候選清單中的物質在物品中的總含量超過 1 噸/年/生產商或進口商；(b) 候選清單中的物質在物品中的總含量以品質分數計超過 0.1% 的濃度。
- (3) 歐盟第 1907/2006 (EC) 號法規第 33 條規定，含有滿足第 57 條中的標準並根據第 59 條第一款被確定且品質分數大於 0.1% 的物質的物品的所有供應商應向物品接受者提供其可獲取的充足資訊，以使物品使用安全，這些資訊至少包括含有的候選清單中物質的名稱。

測試樣品：

部件編號	部件描述
1	本色聚甲醛

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部份複製。  
 This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

## 試驗報告

KE/2019/12229A-01

日期：2019/01/29

頁數：第 3 頁，共 11 頁

### 測試方法：

SGS 內部方法，採用 ICP-OES、GC-MS、GC-ECD、GC-FPD、UV-VIS、HPLC-DAD、HPLC-MS、UPLC-MSMS 和比色法。

### 測試結果：(每個部件)：

物質名稱	濃度 (%)
	1
所有測試的 SVHC	n.d.

### 注釋：

- (1) RL = 報告極限值，所有 RL 是基於均一材質的測試。  
n.d. = 未檢出(<RL), n.d.表示在 SVHC 物質上。
- (2) \* 測試結果是由選定的元素或標記物的結果並基於最壞的情況計算得出。詳細資訊請參見 SGS REACH 網站：  
<http://www.sgs.com/en/Consumer-Goods-Retail/Toys-and-Juvenile-Products/Toys/REACH/Management-of-SVHC.aspx>  
建議客戶應審查其化學配方，以確定上述金屬物質是否存在於物品中。  
RL = 0.001% 是針對元素 (例如鋁、銻、砷、鉍、硼、鎘、鈣、鉻、鉻(VI)、鈷、鉛、鉀、鈦、矽、鈉、鎳、鋅和鎳)，除了鉍的 RL= 0.0001%。
- (3) 以上表格只列出被檢出的 SVHC，經測試 SVHC 的完整列表及其相應的報告極限值請參閱附錄。低於報告極限值的 SVHC 將不會被報告。

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部份複製。  
This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

樣品照片：

## KE/2019/12229



SGS 僅對原報告照片中的樣品負責

\*\*\*報告結束\*\*\*

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部份複製。  
This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

附錄

No.	物質名稱	CAS No./ EC No.	RL (%)	No.	物質名稱	CAS No./ EC No.	RL (%)
2008 年 10 月 28 日公佈的供授權審議的高關注物質候選清單							
1	4,4'-二氨基二苯甲烷(MDA)	101-77-9/ 202-974-4	0.010	2	二甲苯麝香	81-15-2/ 201-329-4	0.010
3	短鏈氯化石蠟	85535-84-8/ 287-476-5	0.010	4	蔥	120-12-7/ 204-371-1	0.010
5	鄰苯二甲酸甲苯基丁酯	85-68-7/ 201-622-7	0.010	6	鄰苯二甲酸二(2-乙基己基)酯 (DEHP)	117-81-7/ 204-211-0	0.010
7	氧化雙三丁基錫(TBTO)	56-35-9/ 200-268-0	0.010	8	二氯化鈷*	7646-79-9/ 231-589-4	0.001
9	五氧化二砷*	1303-28-2/ 215-116-9	0.001	10	三氧化二砷*	1327-53-3/ 215-481-4	0.001
11	鄰苯二甲酸二丁酯(DBP)	84-74-2/ 201-557-4	0.010	12	六溴環十二烷及其主要異構物	25637-99-4/ 247-148-4; 3194-55-6/ 221-695-9; (134237-50-6/-; 134237-51-7/-; 134237-52-8/-)	0.010
13	砷酸氫鉛*	7784-40-9/ 232-064-2	0.001	14	重鉻酸鈉*	7789-12-0 10588-01-9/ 234-190-3	0.001
15	三乙基砷酸酯*	15606-95-8/ 427-700-2	0.001				
2010 年 1 月 13 日公佈的供授權審議的高關注物質候選清單							
16	2,4-二硝基甲苯	121-14-2/ 204-450-0	0.010	17	蔥油*	90640-80-5/ 292-602-7	0.010
18	蔥油，蔥糊*	90640-81-6/ 292-603-2	0.010	19	蔥油，蔥糊，蔥餾分*	91995-15-2/ 295-275-9	0.010
20	蔥油，蔥糊，輕油*	91995-17-4/ 295-278-5	0.010	21	蔥油，含蔥量少*	90640-82-7/ 292-604-8	0.010
22	鄰苯二甲酸二異丁酯	84-69-5/ 201-553-2	0.010	23	紅色鉬鉻酸鉛硫酸鹽 色彩索引：顏料紅 104*	12656-85-8/ 235-759-9	0.001
24	鉻酸鉛*	7758-97-6/ 231-846-0	0.001	25	鉻酸鉛；色彩索引：顏料黃 34*	1344-37-2/ 215-693-7	0.001
26	煤瀝青，高溫*	65996-93-2/ 266-028-2	0.010	27	磷酸三(2-氯乙基)酯	115-96-8/ 204-118-5	0.010
2010 年 3 月 30 日公佈的供授權審議的高關注物質候選清單							
28	丙烯醯胺	79-06-1/ 201-173-7	0.010				
2010 年 6 月 18 日公佈的供授權審議的高關注物質候選清單							
29	重鉻酸鉍*	7789-09-5/ 232-143-1	0.001	30	硼酸*	10043-35-3/ 233-139-2; 11113-50-1/ 234-343-4	0.001

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部份複製。  
This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

# 試驗報告

KE/2019/12229A-01

日期：2019/01/29

頁數：第 6 頁，共 11 頁

No.	物質名稱	CAS No./ EC No.	RL (%)	No.	物質名稱	CAS No./ EC No.	RL (%)
31	無水四硼酸二鈉*	1303-96-4 1330-43-4 12179-04-3/ 215-540-4	0.001	32	鉻酸鉀*	7789-00-6/ 232-140-5	0.001
33	重鉻酸鉀*	7778-50-9/ 231-906-6	0.001	34	鉻酸鈉*	7775-11-3/ 231-889-5	0.001
35	水合硼酸鈉*	12267-73-1/ 235-541-3	0.001	36	三氯乙烯	79-01-6/ 201-167-4	0.010
2010 年 12 月 15 日公佈的供授權審議的高關注物質候選清單							
37	乙二醇乙醚	110-80-5/ 203-804-1	0.010	38	乙二醇甲醚	109-86-4/ 203-713-7	0.010
39	從三氧化鉻與其他寡聚體生成的酸類:鉻酸,重鉻酸,鉻酸與重鉻酸的寡聚體*	7738-94-5/ 231-801-5; 13530-68-2/ 236-881-5	0.001	40	三氧化鉻*	1333-82-0/ 215-607-8	0.001
41	碳酸鈷(二價)*	513-79-1/ 208-169-4	0.001	42	醋酸鈷(二價)*	71-48-7/ 200-755-8	0.001
43	硝酸鈷(二價)*	10141-05-6/ 233-402-1	0.001	44	硫酸鈷(二價)*	10124-43-3/ 233-334-2	0.001
2011 年 6 月 20 日公佈的供授權審議的高關注物質候選清單							
45	1,2,3-三氯丙烷	96-18-4/ 202-486-1	0.010	46	1,2-苯二酸-二(C6-8 支鏈)烷基酯(富 C7)	71888-89-6/ 276-158-1	0.010
47	1,2-苯二酸-二(C7-11 支鏈與直鏈)烷基(醇)酯	68515-42-4/ 271-084-6	0.010	48	N-甲基吡咯烷酮	872-50-4/ 212-828-1	0.010
49	乙二醇乙醚乙酸酯	111-15-9/ 203-839-2	0.010	50	聯氨	7803-57-8 302-01-2/ 206-114-9	0.010
51	鉻酸鋇*	7789-06-2/ 232-142-6	0.001				
2011 年 12 月 19 日公佈的供授權審議的高關注物質候選清單							
52	1,2-二氯乙烷	107-06-2/ 203-458-1	0.010	53	2,2'-二氯-4,4'-二氨基二苯甲烷	101-14-4/ 202-918-9	0.010
54	鄰甲氧基苯胺	90-04-0/ 201-963-1	0.010	55	對特辛基苯酚/辛基酚	140-66-9/ 205-426-2	0.010
56	矽酸鋁, 耐火陶瓷纖維*	650-017-00-8 (Index no.)	0.001	57	砷酸*	7778-39-4/ 231-901-9	0.001
58	雙(2-甲氧基乙基)醚	111-96-6/ 203-924-4	0.010	59	鄰苯二甲酸雙(2-甲氧基乙基)酯	117-82-8/ 204-212-6	0.010
60	砷酸鈣*	7778-44-1/ 231-904-5	0.001	61	鉻酸鉻*	24613-89-6/ 246-356-2	0.001
62	甲醛與苯胺的寡聚反應物	25214-70-4/ 500-036-1	0.010	63	迭氮化鉛*	13424-46-9/ 236-542-1	0.001

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部份複製。  
This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

No.	物質名稱	CAS No./ EC No.	RL (%)	No.	物質名稱	CAS No./ EC No.	RL (%)
64	苦味酸鉛*	6477-64-1/ 229-335-2	0.001	65	中性斯蒂酚酸鉛*	15245-44-0/ 239-290-0	0.001
66	N,N-二甲基乙醯胺	127-19-5/ 204-826-4	0.010	67	八氫氧化五鉻酸鋅*	49663-84-5/ 256-418-0	0.001
68	酚酞	77-09-8/ 201-004-7	0.010	69	氫氧化鉻酸鋅鉀*	11103-86-9/ 234-329-8	0.001
70	砷酸鉛*	3687-31-8/ 222-979-5	0.001	71	鋁矽酸鋁耐火陶瓷纖維*	650-017-00-8 (Index no.)	0.001
2012 年 6 月 18 日公佈的供授權審議的高關注物質候選清單							
72	C.I.鹼性藍 26	2580-56-5/ 219-943-6	0.010	73	C.I.鹼性紫 3	548-62-9/ 208-953-6	0.010
74	三甘醇二甲醚	112-49-2/ 203-977-3	0.010	75	乙二醇二甲醚	110-71-4/ 203-794-9	0.010
76	4,4'-二(二甲氨基)二苯甲酮(米氏酮)	90-94-8/ 202-027-5	0.010	77	4,4'-二(二甲氨基)-4''-甲氨基三苯甲醇	561-41-1/ 209-218-2	0.010
78	三氧化二硼*	1303-86-2/ 215-125-8	0.001	79	甲醯胺	75-12-7/ 200-842-0	0.010
80	甲基磺酸鉛*	17570-76-2/ 401-750-5	0.001	81	4,4'-(對二甲氨基)二苯基甲烷(米氏城)	101-61-1/ 202-959-2	0.010
82	異氰尿酸三縮水甘油酯	2451-62-9/ 219-514-3	0.010	83	C.I.溶劑藍 4	6786-83-0/ 229-851-8	0.010
84	異氰尿酸 β-三縮水甘油酯	59653-74-6/ 423-400-0	0.010				
2012 年 12 月 19 日公佈的供授權審議的高關注物質候選清單							
85	[1,2-苯二羧酸根合]二氧化三鉛*	69011-06-9/ 273-688-5	0.001	86	支鏈與直鏈 1,2-苯二酸二戊酯	84777-06-0/ 284-032-2	0.010
87	乙二醇二乙醚	629-14-1/ 211-076-1	0.010	88	正丙基溴	106-94-5/ 203-445-0	0.010
89	3-乙基-2-甲基-2-(3-甲基丁基)-1,3-惡唑烷	143860-04-2/ 421-150-7	0.010	90	4-(1,1,3,3-四甲基丁基)苯酚, 乙氧基-以及所有的被定義的物質, 未知成分或可變成分的物質, 聚合物和同系物	-	0.010
91	4,4'-二氨基-3,3'-二甲基聯苯基甲烷	838-88-0/ 212-658-8	0.010	92	4,4'-二氨基二苯醚	101-80-4/ 202-977-0	0.010
93	4-苯基偶氨基苯胺	60-09-3/ 200-453-6	0.010	94	2,4-二氨基甲苯	95-80-7/ 202-453-1	0.010
95	分支或線性的壬基酚, 包括含有 9 個碳烷基鏈的所有獨立的同分異構體和所有含有線性或分支 9 個碳烷基鏈的 UVCB 物質	-	0.010	96	3-甲基-6-甲氧基苯胺	120-71-8/ 204-419-1	0.010
97	城式乙酸鉛*	51404-69-4/ 257-175-3	0.001	98	4-氨基聯苯	92-67-1/ 202-177-1	0.010

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明, 此報告結果僅對測試之樣品負責。本報告未經本公司書面許可, 不可部份複製。  
This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

No.	物質名稱	CAS No./ EC No.	RL (%)	No.	物質名稱	CAS No./ EC No.	RL (%)
99	十溴聯苯醚	1163-19-5/ 214-604-9	0.010	100	偶氮二甲醯胺	123-77-3/ 204-650-8	0.010
101	二氯二丁基錫	683-18-1/ 211-670-0	0.010	102	硫酸二乙酯	64-67-5/ 200-589-6	0.010
103	鄰苯二甲酸二異戊酯	605-50-5/ 210-088-4	0.010	104	硫酸二甲酯	77-78-1/ 201-058-1	0.010
105	2-(1-甲基丙基)-4,6-二硝基苯酚	88-85-7/ 201-861-7	0.010	106	雙(十八酸基)二氧代三鉛*	12578-12-0/ 235-702-8	0.001
107	C16-18-脂肪酸鉛鹽*	91031-62-8/ 292-966-7	0.001	108	呋喃	110-00-9/ 203-727-3	0.010
109	全氟十一酸	2058-94-8/ 218-165-4	0.010	110	全氟十四酸	376-06-7/ 206-803-4	0.010
111	六氫苯二甲酸酐	85-42-7, 13149-00-3, 14166-21-3/ 201-604-9, 236-086-3, 238-009-9	0.010	112	甲基六氫苯酐, 4-甲基六氫苯酐 1-甲基六氫苯酐 3-甲基六氫苯酐	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9/ 247-094-1, 243-072-0, 256-356-4, 260-566-1	0.010
113	四氟硼酸鉛*	13814-96-5/ 237-486-0	0.001	114	氨基氧鉛鹽*	20837-86-9/ 244-073-9	0.001
115	硝酸鉛*	10099-74-8/ 233-245-9	0.001	116	氧化鉛*	1317-36-8/ 215-267-0	0.001
117	城式硫酸鉛*	12036-76-9/ 234-853-7	0.001	118	四氧化三鉛*	1314-41-6/ 215-235-6	0.001
119	鈦酸鉛*	12060-00-3/ 235-038-9	0.001	120	鈦酸鉛銻*	12626-81-2/ 235-727-4	0.001
121	甲氧基乙酸	625-45-6/ 210-894-6	0.010	122	N,N-二甲基甲醯胺	68-12-2/ 200-679-5	0.010
123	N-甲基乙醯胺	79-16-3/ 201-182-6	0.010	124	鄰苯二甲酸正戊基異戊基酯	776297-69-9 /-	0.010
125	鄰-氨基偶氮甲苯	97-56-3/ 202-591-2	0.010	126	鄰甲苯胺	95-53-4/ 202-429-0	0.010
127	全氟十三烷酸	72629-94-8/ 276-745-2	0.010	128	氧化鉛與硫酸鉛的複合物*	12065-90-6/ 235-067-7	0.001
129	環氧丙烷	75-56-9/ 200-879-2	0.010	130	C.I.顏料黃 41*	8012-00-8/ 232-382-1	0.001
131	含鉛矽酸鋇*	68784-75-8/ 272-271-5	0.001	132	矽酸鉛*	11120-22-2/ 234-363-3	0.001
133	亞硫酸鉛(III)*	62229-08-7/ 263-467-1	0.001	134	四乙基鉛*	78-00-2/ 201-075-4	0.001
135	三城式硫酸鉛/ C.I. 顏料白*	12202-17-4/ 235-380-9	0.001	136	全氟十二酸	307-55-1/ 206-203-2	0.010
137	城式碳酸鉛*	1319-46-6/ 215-290-6	0.001	138	磷酸氧化鉛*	12141-20-7/ 235-252-2	0.001

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部份複製。  
This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



No.	物質名稱	CAS No./ EC No.	RL (%)	No.	物質名稱	CAS No./ EC No.	RL (%)
2013 年 6 月 20 日公佈的供授權審議的高關注物質候選清單							
139	分支或線性的乙氧基羰基， 包括含有 9 個碳烷基鏈的所有 獨立的同分異構體和所有含有 線性或分支 9 個碳烷基鏈的 UVCB 物質	-	0.010	140	全氟辛酸鈹	3825-26-1/ 223-320-4	0.010
141	鎘	7440-43-9/ 231-152-8	0.001	142	氧化鎘*	1306-19-0/ 215-146-2	0.001
143	鄰苯二甲酸二戊酯	131-18-0/ 205-017-9	0.010	144	全氟辛酸	335-67-1/ 206-397-9	0.010
2013 年 12 月 16 日公佈的供授權審議的高關注物質候選清單							
145	硫化鎘*	1306-23-6/ 215-147-8	0.001	146	鄰苯二甲酸二己酯	84-75-3/ 201-559-5	0.010
147	直接紅28	573-58-0/ 209-358-4	0.010	148	直接黑 38	1937-37-7/ 217-710-3	0.010
149	亞乙基硫脲	96-45-7/ 202-506-9	0.010	150	醋酸鉛*	301-04-2/ 206-104-4	0.001
151	磷酸三(二甲苯)酯	25155-23-1/ 246-677-8	0.010				
2014 年 6 月 16 日公佈的供授權審議的高關注物質候選清單							
152	鄰苯二甲酸二(支鏈與直鏈) 己基酯	68515-50-4/ 271-093-5	0.010	153	氯化鎘*	10108-64-2/ 233-296-7	0.001
154	水合過硼酸鈉*	- / 234-390-0; 239-172-9	0.001	155	過硼酸鈉*	7632-04-4/ 231-556-4	0.001
2014 年 12 月 17 日公佈的供授權審議的高關注物質候選清單							
156	2-苯並三嗪-2-基-4,6-二叔丁基 苯酚 (UV-320)	3846-71-7 / 223-346-6	0.010	157	2-(2H-苯並三嗪-2-基)-4,6-二 叔丁基苯酚 (UV-328)	25973-55-1 / 247-384-8	0.010
158	二正辛基-雙(2-乙基己基羧基 乙酸酯)錫 (DOTE)	15571-58-1 / 239-622-4	0.010	159	二正辛基-雙(2-乙基己基羧基 基乙酸酯)錫 (DOTE) 和 單辛基-三(2-乙基己基羧基乙 酸酯)錫 (MOTE) 的反應物	/	0.010
160	氟化鎘*	7790-79-6 / 232-222-0	0.001	161	硫酸鎘*	10124-36-4; 31119-53-6 / 233-331-6	0.001
2015 年 6 月 15 日公佈的供授權審議的高關注物質候選清單							
162	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%	68515-51-5; 68648-93-1/ 271-094-0; 272-013-1	0.010	163	5-二級丁基-2-(2,4-二甲基 環己-3-烯-1-基)-5-甲基- 1,3-二惡烷[1], 5-二級丁基- 2-(4,6-二甲基環己-3-烯-1- 基)-5-甲基-1,3-二惡烷[2] [任何[1]和[2]或者其任意組合 的單獨異構體或其任何組合]	/	0.010

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部份複製。  
This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

No.	物質名稱	CAS No./ EC No.	RL (%)	No.	物質名稱	CAS No./ EC No.	RL (%)
2015 年 12 月 17 日公佈的供授權審議的高關注物質候選清單							
164	1,3-丙磺酸內酯	1120-71-4 / 214-317-9	0.010	165	2,4-二叔丁基-6-(5-氯苯並三 唑-2-基) 苯酚 (UV-327)	3864-99-1 / 223-383-8	0.010
166	2-(2H-苯並三唑-2-基)-4- (叔丁基)-6-(仲丁基) 苯酚 (UV-350)	36437-37-3 / 253-037-1	0.010	167	硝基苯	98-95-3 / 202-716-0	0.010
168	全氟壬酸 (2,2,3,3,4,4,5,5,6,6,7,7,8,8 ,9,9,9-十七氟壬酸及其鈉 鹽和銨鹽)	375-95-1; 21049-39-8; 4149-60-4 / 206-801-3	0.010				
2016 年 6 月 20 日公佈的供授權審議的高關注物質候選清單							
169	苯並(a)芘	50-32-8 / 200-028-5	0.010				
2017 年 1 月 12 日公佈的供授權審議的高關注物質候選清單							
170	4,4'-異亞丙基聯苯酚 (雙酚 A)	80-05-7 / 201-245-8	0.010	171	4-庚基(支鏈與直鏈)苯酚	-	0.010
172	全氟癸酸 (PFDA) 及其鈉 鹽和銨鹽	335-76-2; 3830-45-3; 3108-42-7/ 206-400-3; -; 221-470-5	0.010	173	對叔戊基苯酚	80-46-6 / 201-280-9	0.010
2017 年 7 月 7 日公佈的供授權審議的高關注物質候選清單							
174	全氟己烷-1-磺酸及其鹽	- / -	0.010				
2018 年 1 月 15 日公佈的供授權審議的高關注物質候選清單							
175	德克隆	- / -	0.010	176	苯並[a]蒽	56-55-3 / 200-280-6	0.010
177	硝酸鎘*	10325-94-7 / 233-710-6	0.001	178	碳酸鎘*	513-78-0 / 208-168-9	0.001
179	氫氧化鎘*	21041-95-2 / 244-168-5	0.001	180	苯並[a]菲	218-01-9 / 205-923-4	0.010
181	1,3,4-噻唑烷-2,5-二硫酮， 甲醛及 4-庚基苯酚支鏈及 直鏈反應物, (RP-HP) [含≥ 0.1% w/w 支鏈及直鏈 4-庚 基苯酚]	- / -	0.010				

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部份複製。 This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

No.	物質名稱	CAS No./ EC No.	RL (%)	No.	物質名稱	CAS No./ EC No.	RL (%)
2018 年 6 月 27 日公佈的供授權審議的高關注物質候選清單							
182	1,2,4-苯三甲酸酐/偏苯三酸酐 (TMA)	552-30-7 / 209-008-0	0.010	183	苯并[g,h,i]芘	191-24-2 / 205-883-8	0.010
184	十甲基環五矽氧烷 (D5)	541-02-6 / 208-764-9	0.010	185	鄰苯二甲酸二環己酯(DCHP)	84-61-7 / 201-545-9	0.010
186	八硼酸二鈉*	12008-41-2 / 234-541-0	0.001	187	十二甲基環六矽氧烷 (D6)	540-97-6 / 208-762-8	0.010
188	乙二胺 (EDA)	107-15-3 / 203-468-6	0.010	189	鉛	7439-92-1 / 231-100-4	0.001
190	八甲基環四矽氧烷 (D4)	556-67-2 / 209-136-7	0.010	191	氫化三聯苯	61788-32-7 / 262-967-7	0.010
2019 年 1 月 15 日公佈的供授權審議的高關注物質候選清單							
192	2,2-雙(4'-羥基苯基)-4-甲基戊烷	6807-17-6/ 401-720-1	0.010	193	苯並[k]芘	207-08-9/ 205-916-6	0.010
194	芘	206-44-0; 93951-69-0/ 205-912-4	0.010	195	菲	85-01-8/ 201-581-5	0.010
196	芘	129-00-0/ 204-927-3	0.010	197	1,7,7-三甲基-3-(苯亞甲基)雙環[2.2.1]庚烷-2-酮 (3-苯亞甲基樟腦)	15087-24-8/ 239-139-9	0.010

注釋:

- (1) RL = 報告極限值，所有 RL 是基於均一材質的測試。
- (2) \* 測試結果是由選定的元素或標記物的結果並基於最壞的情況計算得出。詳細資訊請參見 SGS

REACH 網站:

<http://www.sgs.com/en/Consumer-Goods-Retail/Toys-and-Juvenile-Products/Toys/REACH/Management-of-SVHC.aspx>

建議客戶應審查其化學配方，以確定上述金屬物質是否存在於物品中。

RL = 0.001% 是針對元素 (例如鋁、銻、砷、鋇、硼、鎘、鈣、鉻、鉻(VI)、鈷、鉛、鉀、鈦、矽、鈉、鎳、鋅和鋅)，除了鋁的 RL= 0.0001%。