



测试报告

报告编号: GSL20211231007C

日期: 2022 年 1 月 12 日

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申请方 : 安徽中和隔热材料制造有限公司
地址 : 马鞍山市雨山经济开发区智能装备产业园 6 号 120 栋
样品描述 : 纳米微孔绝热材料
材料 : 纳米微孔绝热材料
颜色 : 灰
型号 : ZH-950
来源地 : 中国
生产商 : 安徽中和隔热材料制造有限公司

样品接收时间 : 2021 年 12 月 31 日
测试周期 : 2021 年 12 月 31 日 - 2022 年 1 月 12 日

测试要求	结论
- 欧洲化学品管理局发布的关于欧盟 REACH (EC) 1907/2006 号法规的相关高度关注物质 (SVHC) 候选清单	通过

*** 具体测试结果, 请参见后续页面 ***

全立宇

批准: 全立宇

职位: 技术主管

上海量远检测技术有限公司



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备注:

1. 0.1%(w/w) 的限值适用于物品。以上结果是根据 2017 年 6 月颁布的物品中物质的指导要求(版本 4.0), 参考欧洲法院 2015 年 9 月 10 日的判决(案例号 C-106/142)计算得出的。然而, 该结果并不适用于单一物质或混合物的样品。根据 REACH, 对于物品, 物质和混合物有如下定义:
 - a) 物品 - 在生产过程中很大程度上的目的是给与该物品特定的形状, 表面或设计从而实现其特定功能, 而不是它的化学组成。
 - b) 物质 - 在自然界中存在或通过化学合成得到化学元素或其化合物。
 - c) 混合物(以往称作“配置品”) - 由两个或以上物质组成的混合物或溶液。
2. 根据(EC)1907/2006 号法规(REACH 法规)第 7 条 - 在物品中的物质注册和通告义务: 如果该物质符合第 57 条的要求并符合 59(1)中的定义, 并且同时满足以下两个条件, (1)每年每一个进口商或者生产厂商进口或生产存在于这些物品中的该类物质总量超过一吨, (2)该类物质含量占整个物品超过 0.1%(w/w), 那么该物品的进口商或者生产商应该向欧洲化学品管理局通报。通报内容应该包括 (a)进口商和生产商的可靠联系信息, (b)注册号码, (c)该类物质的名称和(d)物质的分类, (e)对于该物质的用途的简单描述, (f)该物质的登记用量。
3. 根据(EC)1907/2006 号法规(REACH 法规)第 33 条 - 信息通告义务: 任何供应商提供的物品中含有的物质符合第 57 条的要求并符合 59(1)中的定义, 且其含量占整个物品超过 0.1%(w/w), 供应商应能够向物品的接受方提供足够的信息, 以便能够安全的使用该物品, 信息应该包括, 至少应提供该物质的名称。当物品供应商收到消费者请求后, 应能在 45 天内向消费者免费提供相应的信息。
4. 如果测试组中检测出 SVHC 超过 0.1% (w/w), 建议客户做进一步拆分测试, 以确认测试组中各测试项目的准确含量。



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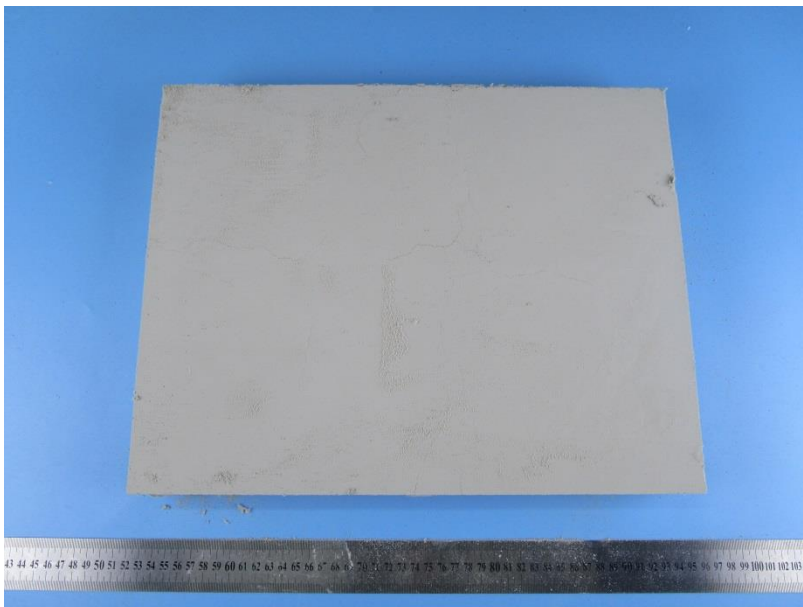
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样品照片



*** 待续 ***



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测试结果:

欧洲化学品管理局发布的关于欧盟 REACH (EC) 1907/2006 号法规的相关高度关注物质(SVHC)候选清单

方法:以各种不同的检测技术包括GC,LC,IC,ICP,UV 分析.

最大允许限值:	0.1% (所列的各物质)
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测试组 1:	纳米微孔绝热材料	测试项目:	/
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结果		结论
检出物	浓度(%)	
ND	ND	通过

备注:

mg/kg =毫克每千克

% =百分比, 1 mg/kg = 0.0001%

ND =未检出

检出限(%):见附录.

检出的 SVHC 及其含量值显示于上表中, 其它未检出的 SVHC 则不显示于表中, 当所有 SVHC 均未检出, 则显示 ND.

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序号	物质名称	CAS 编号	EC 编号	检测界限, %	被认为是高度关注物质的依据
1	三乙基磷酸酯*	15606-95-8	427-700-2	0.01	致癌
2	蒽	120-12-7	204-371-1	0.005	持久、 生物累积、有毒物质
3	4,4'-二氨基二苯基甲烷	101-77-9	202-974-4	0.005	致癌
4	邻苯二甲酸二丁酯	84-74-2	201-557-4	0.005	生殖毒性
5	二氯化钴*	7646-79-9	231-589-4	0.01	致癌
6	五氧化二砷*	1303-28-2	215-116-9	0.01	致癌
7	三氧化二砷	1327-53-3	215-481-4	0.01	致癌
8	重铬酸钠*	7789-12-0 ⁽¹⁾ 10588-01-9 ⁽²⁾	234-190-3	0.01	致癌; 致突变;生殖毒性
9	二甲苯麝香	81-15-2	201-329-4	0.005	强持久强生物累积物质
10	邻苯二甲酸二(2-乙基己)酯	117-81-7	204-211-0	0.005	生殖毒性
11	六溴环十二烷及主要异构体: α-六溴环十二烷 β-六溴环十二烷 γ-六溴环十二烷	3194-55-6 ⁽³⁾ , 25637-99-4 ⁽⁴⁾ 134237-50-6 134237-50-6 134237-52-8	247-148-4 221-695-9	0.005	持久、 生物累积、有毒物质
12	短链氯化石蜡	85535-84-8	287-476-5	0.01	持久、 生物累积、有毒物质, 强持久强生物累积物质
13	氧化双三丁基锡**	56-35-9	200-268-0	0.005	强持久强生物累积物质
14	酸式磷酸铅*	7784-40-9	232-064-2	0.01	致癌; 生殖毒性
15	邻苯二甲酸丁苄酯	85-68-7	201-622-7	0.005	生殖毒性
16	2,4-二硝基甲苯	121-14-2	204-450-0	0.005	致癌
17	蒽油	90640-80-5	292-602-7	0.01	致癌,持久、生物累积 、有毒物质, 强持久强生物累积物质
18	蒽油, 蒽糊, 轻油	91995-17-4	295-278-5	0.01	致癌;致突变, 持久、 生物累积、有毒物质, 强持久强生物累积物质

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19	葱油, 葱糊, 葱馏分	91995-15-2	295-275-9	0.01	致癌;致突变, 持久、生物累积、有毒物质, 强持久强生物累积物质
20	葱油, 含葱量少	90640-82-7	292-604-8	0.01	致癌;致突变, 持久、生物累积、有毒物质, 强持久强生物累积物质
21	葱油, 葱糊	90640-81-6	292-603-2	0.01	致癌;致突变, 持久、生物累积、有毒物质, 强持久强生物累积物质
22	邻苯二甲酸二异丁酯	84-69-5	201-553-2	0.005	生殖毒性
23	硅酸铝耐火陶瓷纤维*a	Index no. 650-017-00-8		0.01	致癌
24	氧化锆硅酸铝耐火陶瓷纤维*b	Index no. 650-017-00-8		0.01	致癌
25	铬酸铅*	7758-97-6	231-846-0	0.01	致癌; 生殖毒性
26	钼铬红(C.I.颜料红 104)*	12656-85-8	235-759-9	0.01	致癌; 生殖毒性
27	铅铬黄 (C.I.颜料黄 34)*	1344-37-2	215-693-7	0.01	致癌; 生殖毒性
28	三(2-氯乙基)磷酸酯 (TCEP)	115-96-8	204-118-5	0.005	生殖毒性
29	煤沥青, 高温	65996-93-2	266-028-2	0.01	致癌,持久、生物累积、有毒物质, 强持久强生物累积物质
30	丙烯酰胺	79-06-1	201-173-7	0.005	致癌;致突变
31	三氯乙烯	79-01-6	201-167-4	0.005	致癌
32	硼酸*	10043-35-3 11113-50-1	233-139-2 234-343-4	0.01	生殖毒性
33	无水四硼酸钠*	1330-43-3 ⁽⁵⁾ 12179-04-3 ⁽⁶⁾ , 1303-96-4 ⁽⁷⁾	215-540-4	0.01	生殖毒性
34	七水合四硼酸钠*	12267-73-1	235-541-3	0.01	生殖毒性

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35	铬酸钠*	7775-11-3	231-889-5	0.01	致癌;致突变; 生殖毒性
36	铬酸钾*	7789-00-6	232-140-5	0.01	致癌; 致突变
37	重铬酸铵*	7789-09-5	232-143-1	0.01	致癌;致突变; 生殖毒性
38	重铬酸钾*	7778-50-9	231-906-6	0.01	致癌;致突变; 生殖毒性
39	硫酸钴*	10124-43-3	233-334-2	0.01	致癌; 生殖毒性
40	硝酸钴*	10141-05-6	233-402-1	0.01	致癌; 生殖毒性
41	碳酸钴*	513-79-1	208-169-4	0.01	致癌; 生殖毒性
42	乙酸钴*	71-48-7	200-755-8	0.01	致癌; 生殖毒性
43	乙二醇单甲醚	109-86-4	203-713-7	0.005	生殖毒性
44	乙二醇单乙醚	110-80-5	203-804-1	0.005	生殖毒性
45	三氧化铬*	1333-82-0	215-607-8	0.01	致癌;致突变
46	三氧化铬生成酸及其低聚物的酸: 铬酸* 重铬酸* 其低聚铬酸*	7738-94-5 13530-68-2 - -	231-801-5 236-881-5 - -	0.01	致癌
47	乙二醇乙醚醋酸酯	111-15-9	203-839-2	0.005	生殖毒性
48	铬酸锶*	7789-06-2	232-142-6	0.01	致癌
49	邻苯二甲酸二(C7-11 支链与直链) 烷基酯	68515-42-4	271-084-6	0.005	生殖毒性
50	肼	302-01-2 7803-57-8	206-114-9	0.005	致癌
51	1-甲基-2-吡咯烷酮	872-50-4	212-828-1	0.005	生殖毒性
52	1,2,3-三氯丙烷	96-18-4	202-486-1	0.005	生殖毒性
53	邻苯二甲酸二(C6-8 支链与直链) 烷基酯, 富 C7 链	71888-89-6	276-158-1	0.005	生殖毒性
54	铬酸铬*	24613-89-6	246-356-2	0.01	致癌

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测试报告

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日期: 2022 年 1 月 12 日

第 8 页 共 18 页

序号	物质名称	CAS 编号	EC 编号	检测界限, %	被认为是高度关注物质的依据
55	氢氧化铬酸锌钾*	11103-86-9	234-329-8	0.01	致癌
56	锌黄*	49663-84-5	256-418-0	0.01	致癌
57	甲醛苯胺共聚物 (技术二氨基二苯甲烷 (MDA))	25214-70-4	500-036-1	0.005	致癌
58	邻苯二甲酸二甲氧乙酯	117-82-8	204-212-6	0.005	生殖毒性
59	邻氨基苯甲醚	90-04-0	201-963-1	0.005	致癌
60	对特辛基苯酚	140-66-9	205-426-2	0.005	会对人类引起严重影响的等效物质
61	1,2- 二氯乙烷	107-06-2	203-458-1	0.005	致癌
62	二乙二醇二甲醚	111-96-6	203-924-4	0.005	生殖毒性
63	砷酸*	7778-39-4	231-901-9	0.01	致癌
64	砷酸钙*	7778-44-1	231-904-5	0.01	致癌
65	砷酸铅*	3687-31-8	222-979-5	0.01	致癌; 生殖毒性
66	N,N-二甲基乙酰胺	127-19-5	204-826-4	0.005	生殖毒性
67	2,2'-二氯-4,4'-二氨基二苯基甲烷	101-14-4	202-918-9	0.005	致癌
68	酚酞	77-09-8	201-004-7	0.005	致癌
69	叠氮化铅*	13424-46-9	236-542-1	0.01	生殖毒性
70	史蒂芬酸铅*	15245-44-0	239-290-0	0.01	生殖毒性
71	苦味酸铅*	6477-64-1	229-335-2	0.01	生殖毒性
72	1,2 双(2-甲氧乙氧基) 乙烷三乙二醇二甲醚(二甲醚四甘醇; 三甘醇二甲醚)	112-49-2	203-977-3	0.005	生殖毒性
73	1,2-二甲氧基乙烷; 乙二醇二乙醚	110-71-4	203-794-9	0.005	生殖毒性
74	三氧化二硼*	1303-86-2	215-125-8	0.01	生殖毒性
75	甲酰胺	75-12-7	200-842-0	0.01	生殖毒性
76	甲基磺酸铅*	17570-76-2	401-750-5	0.01	生殖毒性
77	异氰尿酸三缩水甘油§	2451-62-9	219-514-3	0.005	致突变

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测试报告

报告编号: GSL20211231007C

日期: 2022 年 1 月 12 日

第 9 页 共 18 页

序号	物质名称	CAS 编号	EC 编号	检测界限, %	被认为是高度关注物质的依据
78	替罗昔隆§	59653-74-6	423-400-0	0.005	致突变
79	4,4'-四甲基二氨二苯酮(米其勒酮)	90-94-8	202-027-5	0.005	致癌
80	4,4'-亚甲基双(N, N-二甲基苯胺)(米希勒碱)	101-61-1	202-959-2	0.005	致癌
81	结晶紫	548-62-9	208-953-6	0.005	致癌
82	碱性蓝 26	2580-56-5	219-943-6	0.005	致癌
83	溶剂蓝 4	6786-83-0	229-851-8	0.01	致癌
84	α,α-二[(二甲基苯基)-4-甲基苯基]甲醇	561-41-1	209-218-2	0.005	致癌
85	十溴二苯醚 (十溴联苯醚)	1163-19-5	214-604-9	0.005	持久、生物累积、有毒物质; 强持久强生物累积物质
86	N, N-二甲基甲酰胺; 甲基甲酰胺	68-12-2	200-679-5	0.005	生殖毒性
87	甲氧基乙酸	625-45-6	210-894-6	0.005	生殖毒性 ;会对人类引起严重影响的等效物质
88	二丁基二氯化锡 (DBT)*	683-18-1	211-670-0	0.01	生殖毒性
89	1,2-二乙氧基乙烷	629-14-1	211-076-1	0.005	生殖毒性
90	环己烷-1,2-二羧酸酐, 顺式-环己烷-1,2-二羧酸酐, 反式-环己烷-1,2-二羧酸酐	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	0.01	会对人类引起严重影响的等效物质
91	甲基六氢邻苯二甲酸酐, 六氢-4-甲基邻苯二甲酸酐, 六氢-1-甲基邻苯二甲酸酐, 六氢-3-甲基邻苯二甲酸酐	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.01	会对人类引起严重影响的等效物质
92	4-壬基酚, 支链和直链	-	-	0.005	会对人类引起严重影响的等效物质
93	全氟十四酸	376-06-7	206-803-4	0.005	强持久强生物累积物质
94	1,2-苯二羧酸, 戊基酯, 支链和直链+	84777-06-0	284-032-2	0.005	生殖毒性
95	全氟十一酸	2058-94-8	218-165-4	0.005	强持久强生物累积物质

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测试报告

报告编号: GSL20211231007C

日期: 2022 年 1 月 12 日

第 10 页 共 18 页

序号	物质名称	CAS 编号	EC 编号	检测界限, %	被认为是高度关注物质的依据
96	邻苯二甲酸正戊异戊酯 (iPnPP) +	776297-69-9	-	0.005	生殖毒性
97	全氟十三酸	72629-94-8	276-745-2	0.005	强持久强生物累积物质
98	4- (1,1,3,3-四甲基丁基)苯酚, 乙氧基化	-	-	0.005	会对人类引起严重影响的等效物质
99	全氟十二酸	307-55-1	206-203-2	0.005	强持久强生物累积物质
100	四氟硼酸铅*	13814-96-5	237-486-0	0.01	生殖毒性
101	四氧化三铅*	1314-41-6	215-235-6	0.01	生殖毒性
102	硫酸二乙酯	64-67-5	200-589-6	0.005	致癌;致突变
103	地乐酚(6-仲丁基-2,4-二硝基苯酚)	88-85-7	201-861-7	0.005	生殖毒性
104	铅钛氧化锆*	12626-81-2	235-727-4	0.01	生殖毒性
105	乙酸, 铅盐, 基本(碱式乙酸铅)*	51404-69-4	257-175-3	0.01	生殖毒性
106	呋喃	110-00-9	203-727-3	0.01	致癌
107	N-甲基乙酰胺	79-16-3	201-182-6	0.005	生殖毒性
108	邻甲苯胺	95-53-4	202-429-0	0.005	致癌
109	3-乙基-2-甲基-2-(3-甲基丁基)-1,3-恶唑烷	143860-04-2	421-150-7	0.01	生殖毒性
110	4,4'-二氨基二苯醚和其盐	101-80-4	202-977-0	0.005	致癌;致突变
111	二盐基邻苯二甲酸铅*	69011-06-9	273-688-5	0.01	生殖毒性
112	铅三氧化二钛*	12060-00-3	235-038-9	0.01	生殖毒性
113	氧化硫酸铅*	12036-76-9	234-853-7	0.01	生殖毒性
114	硝酸铅*	10099-74-8	233-245-9	0.01	生殖毒性
115	4-氨基偶氮苯	60-09-3	200-453-6	0.005	致癌
116	氨基氰铅盐*	20837-86-9	244-073-9	0.01	生殖毒性
117	硫酸三氧化四铅*	12202-17-4	235-380-9	0.01	生殖毒性
118	4-甲基-间-苯二胺(2,4-甲苯二胺)	95-80-7	202-453-1	0.005	致癌
119	烧绿石, 铋铅黄*	8012-00-8	232-382-1	0.01	生殖毒性

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测试报告

报告编号: GSL20211231007C

日期: 2022 年 1 月 12 日

第 11 页 共 18 页

序号	物质名称	CAS 编号	EC 编号	检测界限, %	被认为是高度关注物质的依据
120	碱式碳酸铅*	1319-46-6	215-290-6	0.01	生殖毒性
121	硫酸二甲酯	77-78-1	201-058-1	0.005	致癌
122	双(十八烷基)二氧化三铅*	12578-12-0	235-702-8	0.01	生殖毒性
123	掺杂铅的硅酸, 钡盐*	68784-75-8	272-271-5	0.01	生殖毒性
124	4-氨基联苯	92-67-1	202-177-1	0.005	致癌
125	氧化铅(一氧化铅)*	1317-36-8	215-267-0	0.01	生殖毒性
126	氧化铅与硫酸铅的复合物*	12065-90-6	235-067-7	0.01	生殖毒性
127	环氧丙烷; 甲基环氧乙烷	75-56-9	200-879-2	0.01	致癌;致突变
128	硅酸铅盐*	11120-22-2	234-363-3	0.01	生殖毒性
129	三铅二氧化碳磷酸*	12141-20-7	235-252-2	0.01	生殖毒性
130	邻氨基偶氮甲苯	97-56-3	202-591-2	0.005	致癌
131	1-溴丙烷	106-94-5	203-445-0	0.01	生殖毒性
132	6-甲氧基-间-甲苯胺(对-甲酚定)	120-71-8	204-419-1	0.005	致癌
133	4,4'-二氨基-3,3'-二甲基二苯甲烷	838-88-0	212-658-8	0.005	致癌
134	四乙基铅*	78-00-2	201-075-4	0.01	生殖毒性
135	亚硫酸铅(II)*	62229-08-7	263-467-1	0.01	生殖毒性
136	脂肪酸, C16-18, 铅盐*	91031-62-8	292-966-7	0.01	生殖毒性
137	邻苯二甲酸二异戊酯+	605-50-5	210-088-4	0.005	生殖毒性
138	二氮烯-1,2 -二甲酰胺 (偶氮二甲酰胺)	123-77-3	204-650-8	0.01	会对人类引起严重影响的等效物质
139	镉*	7440-43-9	231-152-8	0.01	致癌; 会对人类引起严重影响的等效物质
140	氧化镉*	1306-19-0	215-146-2	0.01	致癌; 会对人类引起严重影响的等效物质
141	邻苯二甲酸二正戊酯(DPP) +	131-18-0	205-017-9	0.005	生殖毒性

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测试报告

报告编号: GSL20211231007C

日期: 2022 年 1 月 12 日

第 12 页 共 18 页

序号	物质名称	CAS 编号	EC 编号	检测界限, %	被认为是高度关注物质的依据
142	壬基酚聚氧乙烯醚	-	-	0.005	会对人类引起严重影响的等效物质
143	十五代氟辛酸铵盐(APFO) ≠	3825-26-1	223-320-4	0.005	生殖毒性;持久、生物累积、有毒物质
144	全氟辛酸 (PFOA) ≠	335-67-1	206-397-9	0.005	生殖毒性;持久、生物累积、有毒物质
145	硫化镉	1306-23-6	215-147-8	0.01	致癌; 会对人类引起严重影响的等效物质
146	邻苯二甲酸二己酯	84-75-3	201-559-5	0.005	生殖毒性
147	直接红 28	573-58-0	209-358-4	0.005	致癌
148	直接黑 38	1937-37-7	217-710-3	0.005	致癌
149	1,2-亚乙基硫脲	96-45-7	202-506-9	0.005	生殖毒性
150	乙酸铅	301-04-2	206-104-4	0.01	生殖毒性
151	磷酸三(二甲苯)酯	25155-23-1	246-677-8	0.005	生殖毒性
152	氯化镉*	10108-64-2	233-296-7	0.01	致癌;致突变;生殖毒性; 会对人类引起严重影响的等效物质
153	1,2-苯二羧酸,己基酯, 支链和直链++	68515-50-4	271-093-5	0.005	生殖毒性
154	过硼酸钠*	7632-04-4	231-556-4	0.01	生殖毒性
155	过硼酸钠水合物*	-	239-172-9; 234-390-0	0.01	生殖毒性
156	氟化镉	7790-79-6	232-222-0	0.01	致癌;致突变;生殖毒性; 会对人类引起严重影响的等效物质
157	硫酸镉	10124-36-4; 31119-53-6	233-331-6	0.01	致癌;致突变;生殖毒性; 会对人类引起严重影响的等效物质
158	2-(2'-羟基-3',5'-二叔丁基苯基)-苯并三唑(紫外线吸收剂 UV-320)	3846-71-7	223-346-6	0.005	持久、生物累积、有毒物质; 强持久强生物累积物质



Greastesting Service Shanghai Co., Ltd.
上海量通检测技术有限公司

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测试报告

报告编号: GSL20211231007C

日期: 2022 年 1 月 12 日

第 13 页 共 18 页

序号	物质名称	CAS 编号	EC 编号	检测界限, %	被认为是高度关注物质的依据
159	2-(2'-羟基-3',5'-二-叔-戊基苯基)苯并三唑 (紫外线吸收剂 UV328)	25973-55-1	247-384-8	0.005	持久、生物累积、有毒物质; 强持久强生物累积物质
160	二正辛基-双(巯乙酸 2-乙基己酯)锡(DOTE) +++	15571-58-1	239-622-4	0.01	生殖毒性
161	二正辛基-双(2-乙基己基巯基乙酸酯)锡和单辛基-三(2-乙基己基巯基乙酸酯)锡的反应物 (DOTE 和 MOTE 的反应产物) +++	-	-	0.01	生殖毒性
162	邻苯二甲酸二(C6-C10)烷基酯: (癸基, 己基, 辛基) 酯与 1,2-邻苯二甲酸的复合物, 并且邻苯二甲酸二己酯含量≥ 0.3%	68515-51-5; 68648-93-1	271-094-0; 272-013-1	0.01	生殖毒性
163	2-(2,4-二甲基-3-环己基)-5-甲基-5-(1-甲基丙基)-1,3-二氧恶烷[1] 2-(4,6-二甲基-3-环己基)-5-甲基-5-(1-甲基丙基)-1,3-二氧恶烷[2] 及这两个物质的任意组合(卡拉花醛及其同分异构体, 还包括卡拉花醛和其同分异构体的任意组合)	-	-	0.01	强持久强生物累积物质
164	1,3-丙烷磺内酯	1120-71-4	214-317-9	0.01	致癌
165	2,4-二-叔丁基-6-(5-氯-2H-苯并三唑-2-基)苯酚 (紫外吸收剂 UV-327)	3864-99-1	223-383-8	0.005	强持久强生物累积物质
166	2-(2H-苯并三唑-2-基)-4-特丁基-6-仲丁基苯酚 (紫外吸收剂 UV-350)	36437-37-3	253-037-1	0.005	强持久强生物累积物质
167	硝基苯	98-95-3	202-716-0	0.01	生殖毒性
168	全氟壬酸及其钠盐和铵盐	375-95-1 21049-39-8 4149-60-4	206-801-3	0.01	生殖毒性;持久、生物累积、有毒物质
169	苯并[a]芘	50-32-8	200-028-5	0.005	致癌;致突变;生殖毒性;持久、生物累积、有毒物质; 强持久强生物累积物质
170	双酚 A	80-05-7	201-245-8	0.005	生殖毒性内分泌干扰物 - 环境&人类健康

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测试报告

报告编号: GSL20211231007C

日期: 2022 年 1 月 12 日

第 14 页 共 18 页

序号	物质名称	CAS 编号	EC 编号	检测界限, %	被认为是高度关注物质的依据
171	十九氟癸酸及其钠盐和铵盐	-	-	0.005	生殖毒性; 持久、生物累积、 有毒物质
172	4-庚基苯酚	-	-	0.005	会对环境引起严重影响的 等效物质
173	对(1,1-二甲基丙基) 苯酚	80-46-6	201-280-9	0.005	会对环境引起严重影响的 等效物质
174	全氟己基磺酸及其盐类	-	-	0.005	强持久强生物累积物质
175	1,3,4-噻二唑烷-2,5-二硫酮, 甲醛和 4-庚基苯酚的支链和直链 (RP-HP) 的反应产物[4-庚基苯酚, 支链和直链含量 ≥0.1%w / w]	-	-	0.01	内分泌干扰物- 环境
176	德克隆[包括所有反式和顺式异构体及其组合]	-	-	0.01	强持久强生物累积物质
177	蒎	218-01-9 1719-03-5	205-923-4	0.005	致癌; 持久、生物累积、 有毒物质; 强持久强生物累积物质
178	硝酸镉*	10022-68-1 10325-94-7	233-710-6	0.01	致癌;致突变 经重复接触后引起特定器官中毒
179	氢氧化镉*	21041-95-2	244-168-5	0.01	致癌;致突变 经重复接触后引起特定器官中毒
180	碳酸镉*	513-78-0	208-168-9	0.01	致癌;致突变 经重复接触后引起特定器官中毒
181	苯并(a)蒽	56-55-3 1718-53-2	200-280-6	0.005	致癌; 持久、生物累积、 有毒物质; 强持久强生物累积物质
182	氢化三联苯	61788-32-7	262-967-7	0.005	强持久强生物累积物质
183	八甲基环四硅氧烷	556-67-2	209-136-7	0.005	持久、生物累积、 有毒物质; 强持久强生物累积物质
184	铅	7439-92-1	231-100-4	0.01	生殖毒性;

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日期: 2022 年 1 月 12 日

第 15 页 共 18 页

序号	物质名称	CAS 编号	EC 编号	检测界限, %	被认为是高度关注物质的依据
185	乙二胺	107-15-3	203-468-6	0.005	呼吸过敏特性
186	十二甲基环六硅氧烷	540-97-6	208-762-8	0.005	持久、生物累积、 有毒物质; 强持久强生物累积物质
187	氧化硼钠*	12008-41-2	234-541-0	0.005	生殖毒性;
188	邻苯二甲酸二环己酯	84-61-7	201-545-9	0.005	生殖毒性; 内分泌干扰物
189	十甲基环五硅氧烷	541-02-6	208-764-9	0.005	持久、生物累积、 有毒物质; 强持久强生物累积物质
190	1,12-苯并芘	191-24-2	205-883-8	0.005	持久、生物累积、 有毒物质; 强持久强生物累积物质
191	偏苯三酸酐	552-30-7	209-008-0	0.005	呼吸过敏特性
192	芘	129-00-0 1718-52-1	204-927-3	0.005	持久、生物累积、 有毒物质; 强持久强生物累积物质
193	菲	85-01-8	201-581-5	0.005	强持久强生物累积物质
194	荧蒽	206-44-0 93951-69-0	205-912-4	0.005	持久、生物累积、 有毒物质; 强持久强生物累积物质
195	苯并(k)荧蒽	207-08-9	205-916-6	0.005	致癌; 持久、生物累积、 有毒物质; 强持久强生物累积物质
196	2,2-双(4-羟基苯基)-4-甲基戊烷	6807-17-6	401-720-1	0.005	生殖毒性
197	1,7,7-三甲基-3-(苯亚甲基)双 环[2,2,1]庚-2-酮	15087-24-8	239-139-9	0.005	内分泌干扰物
198	2,3,3,3-四氟-2-(七氟丙氧基) 丙酸及其盐和酰基卤化物(包 括单体和组合)	-	-	0.01	会对人类引起严重影响的 等效物质 会对环境引起严重影响的 等效物质
199	2-甲氧基乙基乙酸酯	110-49-6	203-772-9	0.01	生殖毒性

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测试报告

报告编号: GSL20211231007C

日期: 2022 年 1 月 12 日

第 16 页 共 18 页

序号	物质名称	CAS 编号	EC 编号	检测界限, %	被认为是高度关注物质的依据
200	三(4-壬基苯基, 支链和直链)亚磷酸酯含≥0.1% 4-壬基苯酚(支链和直链)	-	-	0.01	内分泌干扰物
201	4-叔丁基苯酚	98-54-4	202-679-0	0.005	内分泌干扰物
202	2-苄基-2-二甲基氨基-1-(4-吗啉苯基)丁酮	119313-12-1	404-360-3	0.005	生殖毒性
203	2-甲基-1-(4-甲硫基苯基)-2-吗啉基-1-丙酮	71868-10-5	400-600-6	0.005	生殖毒性
204	邻苯二甲酸二异己酯	71850-09-4	276-090-2	0.005	生殖毒性
205	全氟丁烷磺酸(PFBS)及其盐	-	-	0.005	会对环境及人类引起严重影响的等效物质
206	1-乙烯基咪唑	1072-63-5	214-012-0	0.005	生殖毒性
207	2-甲基咪唑	693-98-1	211-765-7	0.005	生殖毒性
208	4-羟基苯甲酸丁酯二丁基双(戊烷-2,4-二元酸-O, O')锡+++	22673-19-4	245-152-0	0.01	生殖毒性
209	4-羟基苯甲酸丁酯	94-26-8	202-318-7	0.005	会对人类引起严重影响的等效物质-内分泌干扰物
210	双(2-(2-甲氧基乙氧基)乙基)醚	143-24-8	205-594-7	0.01	生殖毒性
211	二月桂酸二辛基锡, 锡烷, 二辛基-, 双(椰油酰氧基)衍生物, 以及任何其他锡烷, 二辛基-, 双(脂肪酰氧基)的衍生物。其中C12是脂肪酰氧基部分的主要碳原子数	-	-	0.01	生殖毒性



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测试报告

报告编号: GSL20211231007C

日期: 2022 年 1 月 12 日

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序号	物质名称	CAS 编号	EC 编号	检测界限, %	被认为是高度关注物质的依据
212	1,4-二氧六环	123-91-1	204-661-8	0.01	会对环境及人类引起严重影响的等效物质
213	二溴新戊二醇 (BMP) 三溴新戊醇 (TBNPA) 2,3-二溴-1-丙醇 (2,3-DBPA)	3296-90-0 36483-57-5 1522-92-5 96-13-9	221-967-7 253-057-0 202-480-9	0.01	致癌
214	2-(4-叔丁基苄基)丙醛及其各立体异构体	-	-	0.01	生殖毒性
215	双酚 B	77-40-7	201-025-1	0.01	内分泌干扰物-环境和人类健康
216	戊二醛	111-30-8	203-856-5	0.01	呼吸过敏特性- 人类健康
217	中链氯化石蜡(MCCP)[由80%或以上由碳链长度在 14 至 17 之间的线性含氯烷烃构成的 UVCB 物质]	-	-	0.01	持久、生物累积、有毒物质, 强持久强生物累积物质
218	正硼酸钠*	13840-56-7	237-560-2	0.01	生殖毒性
219	苯酚, 与富含 C12 的支链或线性烷基链的烷基化产物(主要是对位), 包括任何单独的异构体和/或其组合(PDDP)	-	-	0.01	生殖毒性 内分泌干扰物 - 环境&人类健康



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- (1) CAS 编号 7789-12-0 指二水重铬酸钠
- (2) CAS 编号 10588-01-9 指无水重铬酸钠
- (3) CAS 编号 3194-55-6 指特定的六溴环十二烷- 1,2,5,6,9,10-六溴环十二烷
- (4) CAS 编号 25637-99-4 指非特定的六溴环十二烷及其异构体的混合物
- (5) CAS 编号 1330-43-3 指无水四硼酸二钠
- (6) CAS 编号 12179-04-3 指五水四硼酸钠
- (7) CAS 编号 1303-96-4 指十水四硼酸钠

备注:

1. 根据(EC)1907/2006 号法规定义为持久性, 生物蓄积性和毒性.
2. 根据(EC)1907/2006 号法规定义为高持久性, 高生物蓄积性.
3. ND = 未检出
4. *所得结果是基于样品中重金属或无机元素含量计算而来. 由于目前技术条件的限制, 无法进行进一步的测试. 强烈建议客户先评估其化学式后再最后确定其结论.
5. **所得结果是基于样品中三丁基锡含量计算而来. 由于目前技术条件的限制, 无法进行进一步的测试. 强烈建议客户先评估其化学式后再最后确定其结论.
6. S异氰尿酸三缩水甘油和替罗昔隆以混合物的形式出现在报告中.
7. a参考铝硅酸盐, 耐火陶瓷纤维符合一下三个特点: a) 在可变量浓度范围内氧化铝和硅是主要的组成部分 (在纤维中) b) 纤维有小于微米 (μm) 或者小于 2/6 标准几何误差的一个长度加权几何平均直径 c) 碱性氧化物和碱土氧化物(氧化钠+氧化钾+氧化钙+氧化镁+氧化钡) 的含量小于或者等于 18% .
8. b参考锆硅酸盐, 耐火陶瓷纤维符合一下三个特点: a) 在可变量浓度范围内氧化铝, 锆和硅是主要的组成部分 (在纤维中) b) 纤维有小于微米 (μm)或者小于 2/6 标准几何误差的一个长度加权几何平均直径 c) 碱性氧化物和碱土氧化物(氧化钠+氧化钾+氧化钙+氧化镁+氧化钡) 的含量小于或者等于 18%.
9. +[1,2-苯二羧酸, 戊基酯, 支链和直链] 是一种含有邻苯二甲酸二正戊酯 (DPP), 邻苯二甲酸二异戊酯 (DIPP) 和邻苯二甲酸正戊异戊酯的邻苯二甲酸盐混合物.
10. ≠全氟辛酸和十五代氟辛酸铵盐一起得出报告, 结果基于全氟辛酸的浓度. 由于目前技术条件的限制, 强烈建议客户先评估其化学式后再最后确定其结论.
11. ++[1,2-苯二羧酸, 己基酯, 支链和直链] 是一种邻苯二甲酸二己酯的混合物.
12. 结果基于锡金属的含量, 并通过检测二丁基锡 (DBT), 二正辛基-双(巯乙酸 2-乙基己酯)锡 (DOTE) 和单辛基-三(2-乙基己基巯基乙酸酯) (MOTE) 的含量进行进一步的确认.

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