



检测报告 Test Report

报告编号 A2230581815101002E
Report No. A2230581815101002E

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报告抬头公司名称 广东东溢新材料科技有限公司
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INTELLIGENT EQUIPMENT INDUSTRIAL PARKBANFU TOWNZHONGSHAN
CITY

以下测试之样品及样品信息由申请者提供并确认

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

样品名称	高性能纯胶
Sample Name	High Performance Acrylic Adhesive Bonding Sheet
样品型号	PH
Part No.	PH
样品接收日期	2023.11.08
Sample Received Date	Nov. 8, 2023
样品检测日期	2023.11.08-2023.11.11
Testing Period	Nov. 8, 2023 to Nov. 11, 2023

测试内容 Test Conducted:

根据客户的申请要求，具体要求详见下一页。

As requested by the applicant. For details refer to next page(s).

批 准

郑晴涛

日 期

2023.11.11

Approved by

Date

郑晴涛

技术经理 Technical Manager

No. R262621316

华测检测认证集团股份有限公司

广东省深圳市宝安区新安街道兴东社区华测检测大楼

Certified Testing International Group Co.,Ltd.

CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

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测试摘要 Executive Summary:

测试要求

TEST REQUEST

- 欧盟法规(EC) No.1907/2006 (REACH)附录 17 及其修订案
Annex XVII of European regulation (EC) No. 1907/2006 (REACH) with
Amendment(s)
- 全氟羧酸(C9-C14 PFCAs)及其盐和相关物质
Linear and branched perfluorocarboxylic acids (C9-C14 PFCAs) and their salts &
related substances

测试结果

CONCLUSION

符合
PASS

*****详细结果, 请见下页*****

***** For further details, please refer to the following page(s) *****

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欧盟法规(EC) No.1907/2006 (REACH)附录 17 及其修订案 Annex XVII of European regulation (EC) No. 1907/2006 (REACH) with Amendment(s)

▼全氟羧酸(C9-C14 PFCAs)及其盐和相关物质

Linear and branched perfluorocarboxylic acids (C9-C14 PFCAs) and their salts & related substances

欧盟法规(EC) No.1907/2006 (REACH) 附录 17 及修订案(EU) 2021/1297 的条目 68

Entry 68, annex XVII of European regulation (EC) No. 1907/2006 (REACH) with amendment (EU) 2021/1297

测试方法: CEN/TS 15968:2010; 测试仪器: LC-MS-MS & GC-MS

Test Method: CEN/TS 15968:2010; Test Equipment: LC-MS-MS & GC-MS

序号 No.	测试项目 Tested Item(s)	CAS No.	结果 Result (mg/kg)	方法检出限	限值
			002	MDL (mg/kg)	Limit (mg/kg)
1	全氟十一烷酸 Perfluoroundecanoic acid (PFUnDA)	2058-94-8	N.D.	0.010	--
2	全氟十一烷酸钠 Sodium perfluoroundecanoate (PFUnDA-Na)*	60871-96-7	N.D.	0.010	--
3	全氟十一烷酸钾 Potassium perfluoroundecanoate (PFUnDA-K)*	30377-53-8	N.D.	0.020	--
4	全氟十一烷酸钙 Calcium perfluoroundecanoate (PFUnDA-Ca)*	97163-17-2	N.D.	0.025	--
5	全氟十一烷酸铵 Ammonium perfluoroundecanoate (PFUnDA-NH ₄)*	4234-23-5	N.D.	0.010	--
6	全氟十二烷酸 Perfluorododecanoic acid (PFDoDA)	307-55-1	N.D.	0.010	--
7	全氟十二烷酸钠 Sodium perfluorododecanoate (PFDoDA-Na)*	60872-01-7	N.D.	0.010	--
8	全氟十二烷酸铵 Ammonium tricosfluorododecanoate (PFDoDA-NH ₄)*	3793-74-6	N.D.	0.010	--
9	全氟十三烷酸 Perfluorotridecanoic acid (PFTrDA)	72629-94-8	N.D.	0.010	--
10	全氟十三烷酸铵 Ammonium perfluorotridecanoate (PFTrDA-NH ₄)*	4288-72-6	N.D.	0.010	--
11	全氟十四烷酸 Perfluorotetradecanoic acid (PFTeDA)	376-06-7	N.D.	0.010	--
12	全氟壬酸 Perfluorononanoic acid (PFNA)	375-95-1	N.D.	0.010	--
13	全氟壬酸钠 Sodium heptadecafluorononanoate (PFNA-Na)*	21049-39-8	N.D.	0.010	--
14	全氟壬酸钾 Potassium perfluorononanoate (PFNA-K)*	21049-38-7	N.D.	0.010	--
15	全氟壬酸银 Silver perfluorononanoate (PFNA-Ag)*	7358-16-9	N.D.	0.020	--
16	全氟壬酸锂 Lithium heptadecafluorononanoate (PFNA-Li)*	60871-92-3	N.D.	0.010	--
17	全氟壬酸铵 Perfluorononanoate ammonium salt (PFNA-NH ₄)*	4149-60-4	N.D.	0.010	--
18	全氟癸酸 Perfluorodecanoic acid (PFDA)	335-76-2	N.D.	0.010	--

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序号 No.	测试项目 Tested Item(s)	CAS No.	结果 Result (mg/kg)	方法检出限	限值
			002	MDL (mg/kg)	Limit (mg/kg)
19	全氟癸酸钠 Sodium nonadecafluorodecanoate (PFDA-Na)*	3830-45-3	N.D.	0.010	--
20	全氟癸酸铵 Perfluorodecanoate ammonium salt (APFDA)*	3108-42-7	N.D.	0.010	--
21	全氟癸酸钾 Potassium perfluorodecanoate (PFDA-K)*	51604-85-4	N.D.	0.020	--
22	全氟癸酸银 Silver perfluorodecanoate (PFDA-Ag)*	5784-82-7	N.D.	0.020	--
23	全氟癸酸锂 Lithium perfluorodecanoate (PFDA-Li)*	84743-32-8	N.D.	0.010	--
24	全氟-3,7-二甲基辛酸 Perfluoro-3,7-dimethyloctanoic acid (PF-3,7-DMOA)	172155-07-6	N.D.	0.010	--
25	全氟羧酸(C9-C14 PFCAs)及其盐 Linear and branched perfluorocarboxylic acids (C9-C14 PFCAs) and their salts	--	N.D.	--	0.025
26	全氟癸烷磺酸 Henicosafuorodecanesulphonic acid (PFDS)	335-77-3 126105-34-8	N.D.	0.010	--
27	全氟癸烷磺酸钠 Perfluorodecanesulfonate NA-salt (PFDS-Na)*	2806-15-7	N.D.	0.010	--
28	全氟癸烷磺酸钾 Perfluorodecanesulfonate K-salt (PFDS-K)*	2806-16-8	N.D.	0.010	--
29	全氟癸烷磺酸铵 Perfluoroaliphatic Dean-sulfonate salt of NH ₄ (PFDS-NH ₄)*	67906-42-7	N.D.	0.010	--
30	1H,1H,2H,2H-全氟-1-十二醇 1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	N.D.	0.200	--
31	1H,1H,2H,2H-全氟十二烷基丙烯酸酯 1H,1H,2H,2H-Tetrahydroperfluorododecyl acrylate (10:2 FTA)	17741-60-5	N.D.	0.200	--
32	1H,1H,2H,2H-全氟-1-癸醇 1H,1H,2H,2H-perfluoro-1-decanol (8:2 FTOH)	678-39-7	N.D.	0.200	--
33	1H,1H,2H,2H-全氟癸磺酸 1H,1H,2H,2H-perfluorodecane sulfonic acid (8:2 FTS)	39108-34-4	N.D.	0.200	--
34	1H,1H,2H,2H-全氟癸磺酸钠 1H,1H,2H,2H-Perfluorodecanesulfonic Acid Sodium (8:2 FTS-Na)*	27619-96-1	N.D.	0.200	--
35	1H,1H,2H,2H-全氟癸磺酸铵 8:2 Fluorotelomer sulfonate ammonium salt (8:2 FTS-NH ₄)*	149724-40-3	N.D.	0.200	--
36	丙烯酸 1H,1H,2H,2H-十七氟癸酯 1,1,2,2-Tetrahydroperfluorododecyl acrylate (8:2 FTAC)	27905-45-9	N.D.	0.200	--

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序号 No.	测试项目 Tested Item(s)	CAS No.	结果 Result (mg/kg)	方法检出限	限值
			002	MDL (mg/kg)	Limit (mg/kg)
37	2-(全氟辛基)乙基甲基丙烯酸酯 2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl uorodecyl ester (8:2 FTMA)	1996-88-9	N.D.	0.200	--
38	1H,1H,2H,2H-全氟癸基三乙氧基硅烷 1H,1H,2H,2H-Perfluorodecyltriethoxysilane (PFSI)	101947-16-4	N.D.	0.200	--
39	1-碘-1H,1H,2H,2H-全氟癸烷 Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8- heptafluoro-10-iodo- (8:2 FTI)	2043-53-0	N.D.	0.200	--
40	双(2-(全氟乙基))磷酸 8:2 Fluorotelomer phosphate diester (8:2diPAP)	678-41-1	N.D.	0.200	--
41	双(2-(全氟乙基))磷酸钠 Sodium bis(1H,1H,2H,2H- perfluorodecyl)phosphate (8:2diPAP-Na)*	114519-85-6	N.D.	0.200	--
42	双(2-(全氟乙基))磷酸铵 Ammonium bis(1H,1H,2H,2H- perfluorodecyl)phosphate (8:2diPAP-NH ₄)*	93776-20-6	N.D.	0.200	--
43	四丁基磷 2H,2H-全氟癸酸酯 Tetrabutylphosphonium 2H,2H-Perfluorodecanoate (H ₂ PFDA-P(C ₄ H ₉) ₄)	882489-14-7	N.D.	0.010	--
44	2H,2H,3H,3H-全氟十一酸 2H,2H,3H,3H-Perfluoroundecanoic acid (H ₄ PFUnA)	34598-33-9	N.D.	0.010	--
45	3-(全氟辛基)丙酸钾 Potassium 3-(perfluorooctyl)propanoate (H ₄ PFUnA-K) *	83310-58-1	N.D.	0.020	--
46	2H,2H-全氟癸酸 2H,2H-Perfluorodecanoate (H ₂ PFDA)	27854-31-5	N.D.	0.010	--
47	1H,1H,2H,2H-全氟十二烷磺酸 1H,1H,2H,2H-Perfluorododecanesulphonicacid (10:2 FTS)	120226-60-0	N.D.	0.200	--
48	1H,1H,2H,2H-全氟十二烷磺酸钠 1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium (10:2 FTS-Na)*	108026-35-3	N.D.	0.200	--
49	1-碘全氟癸烷 Perfluorodecyl iodide (PFDI)	423-62-1	N.D.	0.200	--
50	1-碘全氟十二烷 Perfluorododecyl iodide (PFDoI)	307-60-8	N.D.	0.200	--
51	1H,1H,2H,2H-全氟十二烷基碘 1H,1H,2H,2H-perfluorododecyl iodide (10:2FTI)	2043-54-1	N.D.	0.200	--
52	1H,1H,2H,2H-全氟十四烷基碘 1H,1H,2H,2H-perfluorotetradecyl iodide (12:2FTI)	30046-31-2	N.D.	0.200	--

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			002	MDL (mg/kg)	Limit (mg/kg)
53	2-(全氟癸基)乙基甲基丙烯酸酯 2-(Perfluorodecyl)ethyl methacrylate (10:2FTMA)	2144-54-9	N.D.	0.200	--
54	1H,1H,2H,2H-全氟-1-十四烷醇 1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	N.D.	0.200	--
55	全氟壬烷磺酸 Perfluorononane sulfonic acid (PFNS)	68259-12-1	N.D.	0.010	--
56	全氟-1-壬烷磺酸钠 Sodium Perfluoro-1-nonanesulfonate (PFNS-Na)*	98789-57-2	N.D.	0.010	--
57	全氟壬基磺酸铵 Ammonium perfluorononanesulfonate (PFNS-NH ₄)*	17202-41-4	N.D.	0.010	--
58	全氟-1-十二烷磺酸 Perfluorododecanesulfonic acid (PFDoDS)	79780-39-5	N.D.	0.010	--
59	全氟-1-十二烷磺酸钠 Sodium perfluoro-1-dodecanesulfonate (PFDoDS-Na)*	1260224-54-1	N.D.	0.010	--
60	全氟辛基乙烯 1-Decene, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10- heptafluoro- (PFOE)	21652-58-4	N.D.	0.200	--
61	全氟十一烷磺酸 Perfluoroundecane sulfonic acid (PFUnS)	749786-16-1	N.D.	0.010	--
62	全氟-1-十一烷磺酸钠 Sodium perfluoro-1-undecanesulfonate (PFUnS-Na)*	-	N.D.	0.010	--
63	全氟-1-十三烷磺酸 Perfluorotridecanesulfonic acid (PFTrDS)	791563-89-8	N.D.	0.010	--
64	全氟-1-十三烷磺酸钠 Sodium perfluorotridecanesulfonate (PFTrDS-Na)*	174675-49-1	N.D.	0.010	--
65	二十一氟十二烷基磷酸二氢酯 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12, 12-Henicosafuorododecyl dihydrogen phosphate (10:2 monoPAPS)	57678-05-4	N.D.	0.200	--
66	二十一氟十二烷基磷酸二氢酯环己铵盐 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12, 12-Henicosafuorododecyl dihydrogen phosphate cyclohexylamine *	2514858-66-1	N.D.	0.200	--
67	十七氟-1-癸醇磷酸二氢酯 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10- heptafluorodecyl dihydrogen phosphate (8:2 monoPAPS)	57678-03-2	N.D.	0.200	--
68	全氟羧酸(C9-C14 PFCAs)相关物质 Linear and branched perfluorocarboxylic acids (C9-C14 PFCAs) related substances	--	N.D.	--	0.26

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备注 Remark:

- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million
- *该物质的结果由其特定化合物的结果换算而来。

Result(s) shown of the substance(s) is/ are converted from the result(s) of certain compound(s).

- 根据欧盟法规(EC) No. 1907/2006 (REACH)附录 17 第 68 项, C9-C14 PFCAs 及其盐和相关物质被定义为一类化学物质, 但法规中并未给出物质清单。结论是根据所测试的项目含量得出的。

According to the entry 68 of the European regulation (EC) No. 1907/2006 (REACH) Annex XVII, C9-C14 PFCAs and their salts and related substances are defined as a class of chemicals. There is not an official list in the regulation. The conclusion is based on the tested chemicals.

样品/部位描述 Sample/Part Description

序号 No.	CTI 样品 ID CTI Sample ID	描述 Description
1	002	浅黄色薄膜 Light yellow film

注释 Note:

- 本报告中的数据结果供科研、教学、企业内部质量控制、企业产品研发等目的用。
The testing data and result(s) in this report is(are) just for scientific research, education, internal quality control and product development etc.

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样品图片

Photo(s) of the sample(s)



声明 Statement:

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The Company Name shown on Report and Address, the sample(s) and sample information was/were
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*** 报告结束 ***

*** End of Report ***