



更多详情信息

请登录官网

www.heynovachem.com

HEYNOVA
华恩熠新材料

创新科技 成就未来



01 公司简介
Company Profile

02 业务分类
Business Classification

03 产品介绍
Product Introduction

04 产品目录
Product Catalogs

上海华恩熠新材料科技有限公司
Heynova (Shanghai) New Material Technology CO., Ltd

地址：上海浦东新区碧波路690号张江微电子港3号楼

Add: Building 3, Zhangjiang Microelectronics Port, No. 690

Bibo Road, Pudong New Area, Shanghai

邮编 Post code: 201203

电话 Tel: 17821102608

邮箱 Mail: info@heynovachem.com

网址 Web site: www.heynovachem.com



公司简介

Company Profile

- 上海华恩熠新材料科技有限公司作为全球高科技产业关键新材料及整体解决方案的服务商，专注于高端聚酰亚胺单体、光刻胶单体及 PAG 的研发与生产，并提供定制化服务。公司核心团队已在电子化学品材料领域深耕十载，积累了深厚的技术底蕴与行业经验，实现了从基础研究到产业化应用的全链条贯通。

Heynova (Shanghai) New Material Technology CO., Ltd as an excellent service provider of key new materials and overall solutions for the global high-tech industry, focuses on the R&D and production of High-end polyimide monomer, Photoresist monomer and PAG, and provides customized services. Our company's core team has been deeply engaged in the field of electronic chemicals and materials for ten years, accumulating profound technical background and industry experience, and realizing the whole chain from basic research to industrial application.

- 公司研发团队凭借自主研发的核心技术，持续攻克行业技术难题，构建起完整的技术壁垒与创新体系，形成了具备自主知识产权的技术矩阵。公司建立了高标准研发实验室与现代化生产基地，采用国际先进的生产工艺和检测技术，确保产品质量的稳定性与一致性。

With the core technology of independent research and development, our company's R&D team continues to overcome technical problems in the industry, building a complete technical barrier and innovation system, and forming a technology matrix with independent intellectual property rights. We have established a high-standard R&D laboratory and a modern production base, adopting international advanced production technology and testing technology to ensure the stability and consistency of product quality.

- 公司产品广泛应用于电子通信、航天航空、新能源、医疗健康、汽车工业等全球高科技核心领域，是推动产业创新升级的关键基础材料。凭借过硬的产品质量与创新技术，公司产品畅销国内外市场，不仅在国内市场占据重要地位，在国际市场上也深受客户的青睐。

Our company's products are widely used in global high-tech core fields such as electronic communications, aerospace, new energy, medical health, and automobile industry, which are key basic materials to promote industrial innovation and upgrading. With excellent product quality and innovative technology, our company's products sell well in domestic and foreign markets, not only occupy an important position in the domestic market, but also in the international market.

生产供应

Production and Supply

- 公司拥有多家稳定合作的生产基地，可承接小批量乃至吨位级的产品生产及定制合成服务。

Our company has a number of stable cooperation production bases, we can undertake small batch and even tonnage level production and customized synthesis services.

- 公司遵循PDCA循环法则，实施质量管理体系，建立质量理念、方针、目标、实施计划，对产品的生产过程进行控制，持续改进，保证质量达到客户满意。

Our company follows the PDCA cycle law, implements the quality management system, establishes the quality concept, policy, target and implementation plan, controls the process of production, makes continuous improvement, and ensures the quality to meet customer satisfaction.



技术研发创新

Technology R&D innovation



公司在上海、南京有联合实验室，技术人员15人，都在有机电子材料行业工作5年至10年以上。公司掌握许多材料生产合成的关键技术，经验丰富，可以立足自主创新。

Our company has joint laboratories in Shanghai and Nanjing, there are 15 technicians, all of whom have worked in the organic electronic materials industry for more than 5 to 10 years. Our company has mastered the key technologies of the production and synthesis of many materials, and has rich experience, which can be based on independent innovation.

同时和国内知名大学教授和行业内的精英企业、研究所，建立了广泛的技术合作和产品生产互助合作，共同助力新材料的研发和设计。

At the same time, join hands with domestic well-known university professors, elite enterprises and research institutes in the industry, we have established a wide range of technical cooperation and mutual cooperation in production to jointly help the research and design of new materials.

业务分类

Business Classification

公司提供高端聚酰亚胺、光刻胶、3D打印、OLED显示、锂电池领域的单体与定制合成服务。

Our company provides High-end polyimide, Photoresist, 3D printing, OLED display, Lithium battery monomer and Customized synthesis services.



聚酰亚胺单体
Polyimide monomer

01

专注于提供高端聚酰亚胺材料，用于电子通信、航天航空、新能源、医疗健康、汽车工业等领域。

Focus on providing high-end polyimide materials for electronic communications, aerospace, new energy, medical health, automotive industry and other fields.



光刻胶单体及PAG
Photoresist monomer and PAG

02

专注于提供显示光刻胶、半导体光刻胶及特种光刻胶材料，用于半导体、面板、PCB等领域。

Focus on providing display photoresists, semiconductor photoresists and special photoresist materials for semiconductors, panels, PCB and other fields.



3D打印材料
3D printing materials

03

专注于提供3D打印有机树脂材料和高端金属材料，用于航空航天、船舶、核工业、医疗等领域。

Focus on providing 3D printing organic resin materials and high-end metal materials for aerospace, shipbuilding, nuclear industry, medical and other fields.



OLED显示单体
OLED display monomer

04

专注于提供OLED显示中间体材料，用于手机、电视、平板、可穿戴设备、车载设备等领域。

Focus on providing OLED display intermediate materials, which are used in mobile phones, TVs, tablets, wearable devices, automotive equipment and other fields.



锂电池单体
Lithium battery monomer

05

专注于提供锂电池隔膜材料，用于交通动力、电力储能、移动通信、新能源储能动力、航天军工等领域。

Focus on providing lithium battery separator materials, which are used in transportation, power storage, mobile communication, new energy storage, aerospace military and other fields.



定制合成服务
Customized synthesis service

06

根据客户需求提供产品研发与定制合成的整体解决方案。

Provide an overall solution for product R&D and customized synthesis based on customer demands.

产品介绍

Product Introduction

聚酰亚胺单体 / Polyimide monomer

公司以聚酰亚胺单体为主要产品，目前已广泛应用于无色透明柔性聚酰亚胺薄膜、柔性显示材料、5G新材料、光敏聚酰亚胺及半导体材料、新能源汽车特种绝缘材料、航空航天复合材料等诸多高科技领域。

With polyimide monomer as our main products, polyimide monomer has been widely used in colorless transparent flexible polyimide film, flexible display materials, 5G new materials, photosensitive polyimide and semiconductor materials, special insulation materials for new energy vehicles, aerospace composite materials and many other high-tech field.

光刻胶单体及PAG /

Photoresist monomer and PAG

公司专注于提供半导体光刻胶材料，包括KrF胶单体、ArF胶单体以及PAG。

Our company focuses on providing semiconductor photoresist monomers including KrF, ArF monomers and PAG.

- KrF光刻胶单体主要是对羟基苯乙烯类单体，ArF光刻胶单体主要是甲基丙烯酸酯类单体以及丙烯酸酯的衍生物。

KrF photoresist monomers are mainly para-hydroxystyrene monomers, ArF photoresist monomers are mainly methacrylate monomers and derivatives of acrylates.

- PAG包括：硫鎓、碘鎓、重氮甲烷、萘酰亚胺等。

PAG includeing: Thionium, Iodonium, Diazomethane, Naphthalimide and so on.

- 公司已有多款产品实现量产，并实现稳定供应。

Our company has a number of products to achieve mass production, and achieve stable supply.

- 公司已根据国内外客户的要求，研发出多款光刻胶单体，进入验证期。

According to the requirements of domestic and foreign customers, our company has developed a number of photoresist monomers and have entered the verification period.

聚酰亚胺单体 / Polyimide monomer

序号 Seria	产品 Product	CAS登录号 CAS No.	纯度 Purity (HPLC)	分子结构式 Structural formula	外观 Appearance	金属离子含量 Metal ion content
1	4,4'-联苯醚二酐 4,4'-Oxydiphthalic anhydride (ODPA)	1823-59-2	≥99.5%		白色粉末 White powder	总金属离子 ≤ 500 ppb The total metal ≤ 500 ppb
2	2,2-双(3-氨基-4-羟基苯基)六氟丙烷 2,2-Bis(3-amino-4-hydroxy-phenyl)-hexafluoropropane (6FAP)	83558-87-6	≥99.5%		白色粉末 White powder	总金属离子 ≤ 500 ppb The total metal ≤ 500 ppb
3	2,3,3',4'-联苯四甲酸二酐 2,3,3',4'-Biphenyltetracarboxylic dianhydride (α-BPDA)	36978-41-3	≥99%		白色粉末 White powder	/
4	2,2'-二(三氟甲基)-(1,1'-二苯基)-4,4'-二胺 2,2'-bis(trifluoromethyl)benzidine (TFMB)	341-58-2	≥99.5%		白色粉末 White powder	单一金属 ≤ 1 ppm Single metal ≤ 1 ppm
5	六氟二酐 4,4'-(Hexafluoroisopropylidene) diphthalic anhydride (6FDA)	1107-00-2	≥99.5%		白色粉末 White powder	单一金属 ≤ 200 ppb Single metal ≤ 200 ppb
6	4,4-氯甲酰基苯醚 4,4-oxybisbenzoic chloride (DEDC)	7158-32-9	≥99.5%		白色粉末 White powder	单一金属 ≤ 1 ppm Single metal ≤ 1 ppm
7	3,3',4,4'-二苯酮四酸二酐 3,3',4,4'-Benzophenonetetracarboxylic dianhydride (BTDA)	2421-28-5	≥98%/ 99.5%		类白色粉末/ 白色粉末 Off-white powder/ White powder	单一金属 ≤ 100 ppb Single metal ≤ 100 ppb
8	5(6)-1-(4-氨基苯基)-1,3,3-三甲基茛满 1-(4-Aminophenyl)-2,3-dihydro-1,3,3-trimethyl-1H-inden-5-amin (茛二胺)	54628-89-6	≥99.5%		类白色至白色粉末 Off-white to White powder	单一金属 ≤ 1 ppm Single metal ≤ 1 ppm
9	3,3',4,4'-联苯四羧酸二酐 3,3',4,4'-Biphenyltetracarboxylic dianhydride (BPDA)	2420-87-3	≥99.5%		白色粉末 White powder	单一金属 ≤ 50 ppb Single metal ≤ 50 ppb
10	2,2-双[4-(4-氨基苯氧基苯基)]丙烷 2,2'-Bis(4-aminophenoxyphenyl)propane (BAPP)	13080-86-9	≥99.9%		白色粉末 White powder	单一金属 ≤ 1ppm Single metal ≤ 1 ppm

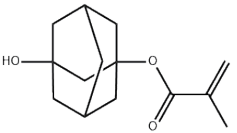
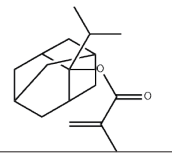
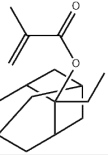
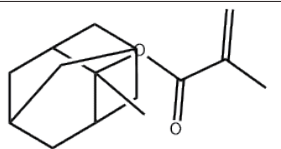
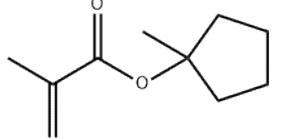
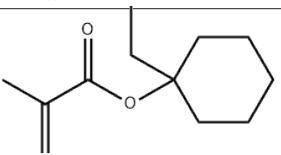
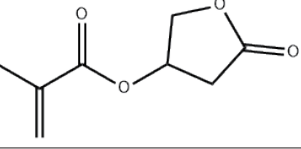
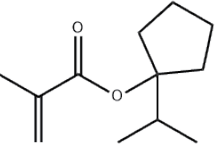
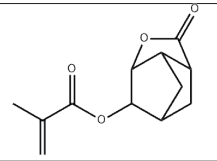
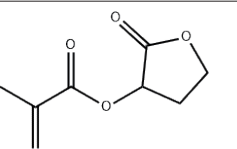
序号 Seria	产品 Product	CAS登录号 CAS No.	纯度 Purity (HPLC)	分子结构式 Structural formula	外观 Appearance	金属离子含量 Metal ion content
11	双酚A型二醚二酐 2,2-Bis[4-(3,4-dicarboxyphenoxy)phenyl]propanedianhydride (BPADA)	38103-06-9	≥99%		白色粉末 White powder	单一金属 ≤ 1 ppm Single metal ≤ 1 ppm
12	4,4'-二氨基-2,2'-二甲基联苯 2,2'-Dimethyl-[1,1'-biphenyl]-4,4'-Diamine (M-Tolidine)	84-67-3	≥99.5%		白色粉末 White powder	单一金属 ≤ 1 ppm Single metal ≤ 1 ppm
13	3,4'-二氨基二苯醚 3,4'-Oxydianiline (3,4'-ODA)	2657-87-6	≥99%		棕色至类白色粉末 Brown to off-white powder	/
14	2,2-双[3-(3-氨基苯甲酰氨基)-4-羟基苯基]六氟丙烷 2,2-Bis[3-(3-amino benzoylamino)-4-hydroxyphenyl]hexafluoropropane (M-6FDAP)	220426-92-6	≥99%		白色粉末 White powder	单一金属 ≤ 200 ppb Single metal ≤ 200 ppb
15	2-(4-氨基苯基)-5-氨基苯并恶唑 42-(4-minophenyl)-1,3-benzoxazole-5-amine (APBOA)	13676-47-6	≥99%		类白色粉末 Off-white powder	/
16	9,9-双(4-氨基苯基)芴 9,9-Bis(4-aminophenyl)fluorene (FDA)	15499-84-0	≥99.5%		白色粉末 White powder	单一金属 ≤ 1 ppm Single metal ≤ 1 ppm
17	2,2-双[4-(4-氨基苯氧基)苯基]六氟丙烷 2,2-Bis[4-(4-aminophenoxy)phenyl]-hexafluoropropane (HFBAPP)	69563-88-8	≥99%		白色粉末 White powder	单一金属 ≤ 1 ppm Single metal ≤ 1 ppm
18	环丁烷四甲酸二酐 1,2,3,4-Cyclobutanetetracarboxylic1,2,3,4-dianhydride (CBDA)	4415-87-6	≥99.5%		白色粉末 White powder	总金属离子 ≤ 500 ppb The total metal ≤ 500 ppb
19	2-(4-氨基苯基)-5-氨基苯并咪唑 2-(4-Aminophenyl)-1H-benzimidazol-5-amine (APBIA)	7621-86-5	≥99%		类白色粉末 Off-white powder	/
20	二甲基金环丁烷四甲酸酐 Cyclobuta[1,2-c:3,4-c']difuran-1,3,4,6-tetrone, tetrahydro-3a,6a-dimethyl- (DMCBDA)	137820-87-2	≥99.5%		白色粉末 White powder	单一金属 ≤ 500 ppb Single metal ≤ 500 ppb

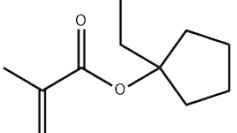
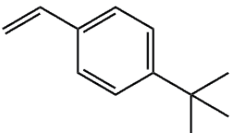
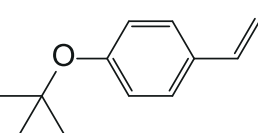
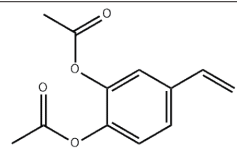
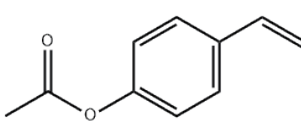
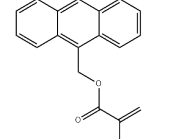
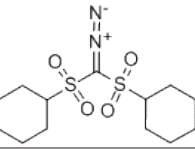
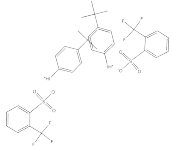
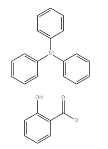
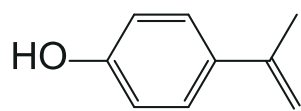
序号 Seria	产品 Product	CAS登录号 CAS No.	纯度 Purity (HPLC)	分子结构式 Structural formula	外观 Appearance	金属离子含量 Metal ion content
21	4,4'-双(4-氨基氧基)联苯 4,4'-Bis(4-aminophenoxy)biphenyl (BAPB)	13080-85-8	≥99%		类白色粉末 Off-white powder	/
22	[4-(4-氨基苯甲酰基)氧苯基]4-氨基苯甲酸酯 [4-(4-aminobenzoyl)oxyphenyl] 4-aminobenzoate (ABHQ)	22095-98-3	≥99%		类白色粉末 Off-white powder	/
23	9,9-双(3-氟-4-氨基苯基)芴 9,9-Bis(3-fluoro-4-aminophenyl) fluorene (FFDA)	127926-65-2	≥99.5%		白色粉末 White powder	单一金属 ≤ 1 ppm Single metal ≤ 1 ppm
24	1,4,5,8-萘四甲酸酐 1,4,5,8-Naphthalenetetracarboxylic dianhydride (NTDA)	81-30-1	≥99%		白色粉末 White powder	/
25	5-(2,5-二氧代四氢呋喃基)-3-甲基-3-环己烯-1,2-二羧酸酐 5-(2,5-Dioxotetrahydrofurfu- ryl)-3-methyl-3-cyclohexene-1,2-di- carboxylic acid acid anhydride (MCTC)	73003-90-4	≥99%		浅黄色至 类白色粉末 Light yellow to off-white powder	/
26	2,2-双(4-羟基-3-氨基苯基)丙烷 2,2-Bis(3-amino-4-hydroxyl- phenyl)propane (BAP)	1220-78-6	≥99%		类白色至白色粉末 Off-white to white powder	/
27	4-苯基乙炔基邻苯二甲酸酐 4-Phenylethynylphthalic anhydride (PEPA)	119389-05-8	≥99%		浅黄色至 类白色粉末 Light yellow to off-white powder	/
28	2,2'-双(三氟甲基)-4,4'-二氨基苯基醚 2,2'-Bis(trifluoromethyl)-4,4'- diaminodiphenyl ether (6FODA)	344-48-9	≥99.5%		白色粉末 White powder	单一金属 ≤ 1 ppm Single metal ≤ 1 ppm
29	1,3-双(4-氨基氧基)苯 1,3-Bis(4-aminophenoxy)benzene (TPE-R)	2479-46-1	≥99%		类白色粉末 Off-white powder	/
30	1,3-双(3-氨基苯氧基)苯 1,3-Bis(3-aminophenoxy)benzene (APB)	10526-07-5	≥99.5%		类白色粉末 Off-white powder	/

序号 Seria	产品 Product	CAS登录号 CAS No.	纯度 Purity (HPLC)	分子结构式 Structural formula	外观 Appearance	金属离子含量 Metal ion content
31	1,4-双(4-氨基苯氧基)苯 1,4-Bis(4-aminophenoxy)benzene (TPE-Q)	3491-12-1	≥99%		类白色粉末 Off-white powder	/
32	9,9-双(3,4-二羧基苯基)芴二酸酐 9,9-Bis(3,4-dicarboxyphenyl) fluorine Dianhydride (BPAF)	135876-30-1	≥99.5%		类白色粉末 Off-white powder	单一金属 ≤ 1 ppm Single metal ≤ 1 ppm
33	3,3,4,4-二苯基砷四羧酸二酸酐 3,3,4,4-diphenylsulfonetetracarboxylic- dianhydride (DSDA)	2540-99-0	≥99.5%		白色粉末 White powder	/
34	对-亚苯基-双苯偏三酸酯二酐 1,4-Phenylene Bis(1,3-dioxo-1,3-dihy- droisobenzof uran-5-carboxylate) (TAHQ)	2770-49-2	≥99%		白色粉末 White powder	总金属离子 ≤ 500 ppb The total metal ≤ 500 ppb
35	1,4-双(4-氨基-2-三氟甲基苯氧基)苯 1,4-Bis(4-amino-2-trifluoromethylphe- noxy)benzene (6FAPB)	94525-05-0	≥99%		类白色至 白色结晶粉末 Off-white to white crystalline powder	/
36	双酚AF Bisphenol AF	1478-61-1	≥99.5%		白色粉末 White powder	/
37	2,2-双(4-氨基苯基)六氟丙烷(FA) 2,2-Bis(4-aminophenyl)hexafluorop ropane (FA)	1095-78-9	≥99.5%		浅黄色至白色粉末 Light yellow to white powder	/
38	9,9-双[4-(4-氨基苯氧基)苯基]芴 9,9-Bis[4-(4-aminophenoxy)phenyl] fluorene (BAOFL)	47823-88-1	≥99%		白色粉末 White powder	/
39	4-氨基苯甲酸4-氨基苯酯 4-Aminobenzoic acid 4-aminophenyl ester(APAB)	20610-77-9	≥99%		类白色粉末 Off-white powder	/
40	4,4'-二氨基苯酰替苯胺 4,4'-Diaminobenzanilide (4,4'-DABA)	785-30-8	≥99.5%		白色粉末 White powder	/

光刻胶单体及PAG

/ Photoresist monomer and PAG

序号 Seria	用途 Use	CAS登录号 CAS No.	英文名 English name	中文名称 Chinese name	分子结构式 Structural formula	品质规格 Quality specifications
1	ArF单体 ArF monomer	115372-36-6	HAMA	3-羟基-1-金刚烷醇甲基丙烯酸酯		单一金属≤10 ppb Single metal ≤ 10 ppb
2		297156-50-4	IPAMA	2-异丙基-2-甲基丙烯酸金刚烷酯		单一金属≤10 ppb Single metal ≤ 10 ppb
3		209982-56-9	EAMA	2-乙基-2-金刚烷醇甲基丙烯酸酯		单一金属≤10 ppb Single metal ≤ 10 ppb
4		177080-67-0	MAMA	2-甲基-2-金刚烷醇甲基丙烯酸酯		单一金属≤5 ppb Single metal ≤ 5 ppb
5		178889-45-7	MCPMA	1-甲基-1-环戊醇甲基丙烯酸酯		单一金属≤5 ppb Single metal ≤ 5 ppb
6		274248-09-8	ECHMA	1-乙基-1-环己醇甲基丙烯酸酯		单一金属≤5 ppb Single metal ≤ 5 ppb
7		130224-95-2	βGBLMA	3-甲基丙烯酸酯-4-丁内酯		单一金属≤10 ppb Single metal ≤ 10 ppb
8		1149760-04-2	IPCPMA	1-异丙基-1-环戊醇甲基丙烯酸酯		单一金属≤10 ppb Single metal ≤ 10 ppb
9		254900-07-7	MNBL	2-羧基-6-降冰片内酯-5-甲基丙烯酸酯		单一金属≤20 ppb Single metal ≤ 20 ppb
10		195000-66-9	GBLMA	2-羧基-四氢呋喃-3-羟基-甲基丙烯酸酯		单一金属≤20 ppb Single metal ≤ 20 ppb

序号 Seria	用途 Use	CAS登录号 CAS No.	英文名 English name	中文名称 Chinese name	分子结构式 Structural formula	品质规格 Quality specifications
11		266308-58-1	ECPMA	1-乙基-环戊醇甲基丙烯酸酯		单一金属≤5 ppb Single metal ≤ 5ppb
12		1746-23-2	4-tert-But-ylstyrene	4-叔丁基苯乙烯		单一金属≤ 20 ppb Single metal ≤ 20ppb
13	KrF单体 KrF monomer	95418-58-9	PTBS	对叔丁氧基苯乙烯		单一金属≤ 5 ppb Single metal ≤ 5 ppb
14		57142-64-0	3,4-diacetoxytoluene	3,4-二乙酰氧基苯乙烯		单一金属≤ 50 ppb Single metal ≤ 50 ppb
15		2628-16-2	ACS	对乙酰氧基苯乙烯		单一金属≤ 5 ppb Single metal ≤ 5 ppb
16	Barc单体 Barc monomer	31645-35-9	9-anthrac-enylmethyl methacrylate	甲基丙烯酸-9-蒽甲酯		单一金属≤ 10 ppb &普通规格 Single metal ≤ 10 ppb & Normal specifications
17	PAG	138529-81-4	Bis(cyclohexylsulfonyl)diazomethane	双(环己磺酰基)重氮甲烷		单一金属≤ 50 ppb Single metal ≤ 50 ppb
18		229325-98-8	Di(4-tert-butylphenyl)iodonium hexafluorophosphate	双(4-叔丁基苯基)碘鎓2-三氟甲基苯磺酸盐		单一金属≤ 50 ppb Single metal ≤ 50 ppb
19		345580-99-6	Triphenylsulfonium,2-hydroxybenzoate	邻羟基苯甲酸三苯基硫鎓盐		单一金属≤ 100 ppb Single metal ≤ 100 ppb
20		4286-23-1	4-Isopropenylphenol	对异丙烯基苯酚		单一金属≤ 100 ppb Single metal ≤ 100 ppb