

## 5G、智能城市、生命科学：未来的增长客户群

# Highest Client Base Growth Derives from 5G Infrastructure, Smart City & Life Science

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中美贸易战与新型冠状病毒疫情的爆发已很大程度打击中国经济。对于疫情后涂料行业将出现什么新机遇，南京天诗新材料科技有限公司销售总监徐乐先生认为：「此次疫情过后，对涂料行业产品抗菌和环境卫生安全提出了更高要求。今年，我司也推广应用于公共环境卫生的抗菌类产品，并为疫情所需要的社会物资提供货源充足并质量稳定的原材料。同时，天诗也在蓄势待发，为长期产品创新和应用做好充分准备。此次疫情，对于涂料行业来说既是灾难也是机会，我们将目标瞄向人类发展需求，携手全世界为人类度过此次灾难提供更多努力。」

现在大家都讨论消费行业受惠报复性 / 爆发式增长。徐乐先生指出：「消费行业的报复性增长，我觉得要理性看待这个问题。一方面，人类在长期疫情环境下，确实会产生宣泄情绪、释放压力等行为，但是我认为应该是恢复到正常的消费节奏。另一方面，因为疫情原因导致人们手上的现金也会减少，许多家庭的经济情况并不乐观，所以也并不会见得会报复性消费。」

然而，徐乐先生认为：「疫情的影响让人们愈加注重自身健康安全，而各大企业看到了这一需求，纷纷推出以抗菌、抗病毒为亮点的产品。近一段时间里，我们可以看到各大品牌都纷纷推出能抗菌、抗病毒的涂料产品。『抗菌保护涂层』成为了2020中国涂料行业的关键字。在疫情带来人们思想的改变，对公共环境卫生意识的深入下，也鼓励了企业对产品的技术更新，加大创新力度去研发更符合消费者需求的产品。与此同时，在疫情的影响下也孕育出新的机遇——『宅经济』。依托我国发达的互联网及完善物流系统，人们在家可通过各种渠道购买自己所需产品。同时各大直播平台也通过短视频、直播方式向消费者推广各类产品。在这样的背景下，涂料企业纷纷在互联网上直播卖货、技术培训、线上探厂等，不仅带来了订单，也展示了企业的实力，打响了品牌知名度。」

中国只要搞基础建设、生产设备及相关用品，就肯定离不开对涂料涂层的需求。徐乐先生非常同意：「涂料行业作为化工业的下游，5G、汽车、航空航天等『新基建』产业的上游，同样也是被大力推动的物件。由于上下游的科技改革，加上涂料行业本身也要进行自我改革，未来『人工智能』和『生命科学』将成为工业发展的主流，国家也在极力创建『智能城市』，涂料行业想要快速发展，必须紧跟时代发展主流，将科技与智能融合到生产、加工、施工、服务等各个层面，让中国涂料引领世界。」

天诗已计划在今年「中国国际涂料展」展示在抗菌和水性通用化上更具竞争力的产品，提高水性木器涂料、水性塑料、金属涂料的耐磨性、抗划伤性和手感的高光、高透蜡乳液；满足欧盟最新技术标准，可使涂料油墨产品耐磨效果更长久的PTFE微粉产品；也配合水性业务展出杀菌剂、防霉抗菌剂的产品和服务；希望全方位为客户解决水性产品的问题。

徐乐先生总结：「天诗依托多年积累的蜡专业知识，强大产品研发能力和全方位的应用测试能力，为涂料企业提供专业技术支援和产品定制服务；并有效利用我们的成本、采购、产品改性方面等协同优势，力求为市场新需求作出更多贡献。」

The Sino-US trade war and the outbreak of COVID-19 have hit China's economy to a great extent. Mr. Xu Le, Sales Director of Nanjing Tianshi New Material Technologies Co., Ltd. shared his views on new opportunities in paint and coatings industry after the pandemic, "Consumers are demanding antibacterial and environmental sanitation and safety products with higher standards. This year, we are also promoting antibacterial products used in public environmental hygiene sector, and providing sufficient supplies and stable quality raw materials for masks and hygiene products. At the same time, we are also preparing ourselves for long-term product innovation. The pandemic is a disaster, but it also provides the coatings industry with an opportunity to develop products that can satisfy people's needs."

People are now talking about the retaliatory/explosive growth benefited by the consumer industry. Mr. Xu Le pointed out: "We must look at this issue rationally. On one hand, the pandemic indeed has made life much harder. People may express negative emotions and produce a healthy release of those emotions. I think COVID-19 is changing consumer behavior at this stage, but in long term, consumption behavior will resume normal gradually. On the other hand, people may have weaker cash flow under the pandemic. Most families are experiencing financial stress, I think retaliatory consumption may occur on a few proportion of population only."

However, Mr. Xu Le believes: "Under COVID-19, people are paying more attention to health and safety. Companies are

responding to increasing demand for antibacterial and anti-virus products. These days, some large companies have launched antibacterial and antiviral coating products. 'Antibacterial protective coating' is the most popular topic in China coating industry in 2020. Coronavirus pandemic is a wake-up call: it changes people's health mindset. On the other hand, the pandemic also pushes enterprises to upgrade their technology which result in innovations for the future to better meet the needs of consumers. Meanwhile, the COVID-19 pandemic is fuelling a 'Stay-At-Home' economy. With advanced internet infrastructure and a perfect logistic system, people can buy their necessities at home through different channels. Major live broadcast platforms are also promoting various products to consumers through videos and live broadcasts. Under this background, many paint and coatings companies are promoting their products and services via internet, technical training, online factory visits, etc. It does not only bring orders, but also demonstrates the strength of the company and ignites brand awareness."

As long as China is engaged in infrastructure construction and production of equipment and related supplies, it will certainly be inseparable from the demand for coatings. Mr. Xu Le agreed: "As the downstream of chemical industry, the coatings industry is the upstream of 'new infrastructure' industries such as 5G, automotive, and aerospace. Due to the upstream and downstream technological reforms, it is also necessary for the coating industry to reform. In future, "artificial intelligence" and "life science" will become the mainstream of industrial development. China strives to create smart city. If the coating industry wants to develop rapidly, it must keep up with the mainstream at the time and integrate intelligent technology into all levels of production, processing, construction, service, etc. I believe China coatings manufacturers will lead the way in future."

Tianshi is planning to showcase its competitive antibacterial and waterborne products during CHINACOAT2020 Guangzhou. Their products can improve abrasion resistance and scratch resistance of waterborne wood coatings, waterborne plastics and metal coatings with high-gloss, high-permeability wax emulsion, PTFE micro-powders that meet the latest EU standards. They will also display bactericides, mildew and antibacterial agents. Tianshi will provide tailor-made solutions of water-based products for customers.

Mr. Xu Le concluded, "Tianshi provides professional technical support and product customization services for coatings companies based on our wax expertise, strong product development capabilities and comprehensive application testing capabilities. We utilize our costs, procurement and products synergistic advantages such as modification, and strive to make more contributions to the new market demand."

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第二十五届中国国际涂料展 Booth No.



## 健康、环保、可持续发展成为消费者首选

# Consumers Opt for Healthy, Green & Sustainable Products

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过去二十多年间，中国跃升成为世界最大涂料市场，发展循序渐进。走到 2020 年，受疫情和全球经济波动影响，很多涂料、原材料企业负责人对未来发展都感到迷茫，未来出路在哪里？

作为全球水溶性聚合物及特种添加剂供应商，亚什兰选择主动出击。亚什兰（中国）投资有限公司工业特种品和中间体与溶剂亚太区商务总监曹晔先生透露：「新冠肺炎疫情确实给涂料行业带来较大冲击，今后一段时期，由于疫情蔓延扩散，彻底控制还需经历一段时间。面对肆虐的新冠肺炎疫情对我国乃至全球经济社会和涂料行业带来的挑战，亚什兰将坚持在常态化疫情防控中，基于自身在全球三大洲设立的多个生产基地和研发中心，稳定供应链，确保全球供应（包括中国），以满足疫情防控中被短暂抑制的市场需求。我们也看到因疫情发生所带来的新业态、新模式的逆势成长，如何把握危中之机；满足产业升级和市场对环保可持续涂料解决方案不断增长的需求，更好地将前沿技术与服务带给中国客户，也将是未来我们业务的重点。」

当前，在经济全球化、知识技术创新日益加快的情况下，产业外部环境变化一日千里。在激烈变化的外部环境中，能比别人走快一步很重要。曹晔先生说：「突如其来的新冠肺炎疫情爆发，给各行各业带来极大冲击。今年第一季度大多处于停工停产状态，的确有部分项目工程项目延迟了，现正慢慢恢复。我们亚什兰也积极协助行业重启运作。近年来，环保政策、标准驱动、行业产业结构调整都在一定程度上带来了市场需求增长。亚什兰一如既往地致力推动涂料行业的环保技术，以高性能水性涂

料代替溶剂型涂料，减少溶剂产生的危害和需处理的危险废物。我们坚信，这将让亚什兰在市场环境中脱颖而出。亚什兰的难题解决专家致力于创造可提高性能功效、能让客户从容应对更加严格环保标准的化学品。」

虽然新冠肺炎疫情给市场踩下了短暂的「刹车」，然而中国涂料市场的空间仍很大。曹晔先生说：「特别是近年来，健康、环保为主导的可持续发展方向越来越成为消费者第一诉求。企业如何顺应产业升级，面对新一代消费者个性需求和因疫情发生所带来的新业态、新模式的逆势成长；通过产品、技术创新，走差异化路径，合作创新、共建共用，将是未来市场的大势所趋。」

曹晔先生透露，公司已制定了今年「中国国际涂料展」宣传重点：「亚什兰将重点展示以下水性涂料解决方案，包括：亚什兰 Natrosol™ HMHEC 系列，应用于高助剂溶剂水性工业体系，有效增稠和提高抗流挂；亚什兰 Aquaflo™ NSAT 系列，全方位满足涂料客户水性涂料流变需求；及亚什兰 Drewplus™ 系列，根据客户配方体系和施工方式，量身定做消泡解决方案。」

In the past 20 years, China has gradually become the world's largest coating market. Affected by the pandemic and global economic fluctuations, 2020 is an unforgettable year for most industries.

As a global supplier of water-soluble polymers and special additives, Ashland takes initiative in every situation. Mr. Cao Ye, Commercial Director of Specialty Additives and Intermediates & Solvents, Asia Pacific in Ashland (China) Holdings Co., Ltd., revealed, "The COVID-19 pandemic has indeed brought a great impact on the coatings industry. It is going to take some time to come out of this pandemic. Faced with challenges posed by the raging pandemic in China and even the world and the paints and coating industry, Ashland will stick to the normalization of pandemic prevention and control based on its multiple production bases and R&D centers across three continents, to establish stable supply chain and ensure global supply (including China) to meet market demand that has been temporarily suppressed during the pandemic period. New business ideas derived from the outbreak, growth of new model against the trend, seizing opportunities within risks, industrial upgrade, growing demand for environmentally sustainable coating solution, as well as how to offer better cutting-edge technologies

and services to our local customers, all come together as the focus of our business in the future."

At present, under the circumstances of economic globalization and increasing technological innovation of knowledge, external environment of the industry is changing rapidly. Under such fierce environment, it is important to take a step quicker than others. Mr. Cao Ye said: "The sudden outbreak of Coronavirus has brought great impact to all walks of life. Most of the first quarter of this year was in a state of lockdown. Indeed, some projects have been delayed, but have now been slowly recovering. Ashland is also actively assisting the industry to resume operations. In recent years, environmental protection policies, standards-driven, and industrial structure adjustments have brought about certain degree of growth in market demand. Ashland is committed to promoting environmental protection technology in the coating industry as usual, and to replace solvent-based coatings with high-performance water-based coatings to reduce hazards of solvents and hazardous wastes. We strongly believe this will make Ashland stand out in the market environment. Ashland's problem-solving experts are committed to creating chemicals that can improve performance and efficiency and at the same time comply to stringent environment regulations in the future."

Now, entering the second half of 2020, Ashland agrees that the impact of pandemic cannot be taken lightly as it affects everyone. Although it has led to a short-break in the market, there is still much room for China paints and coating market. Mr. Cao Ye said, "Especially in recent years, health, environment, and sustainable development have become the top requirements for consumers. Companies have to adapt to industrial upgrade and offer products for the new generation with new business models especially after the pandemic, We need to see opportunities in new technologies and create technological innovations ourselves or with other parties. These will be the general trends for the future."

Ashland attaches great importance to exhibit in CHINACOAT2020 Guangzhou in December. Mr. Cao Ye revealed that the company has set the focus of its participation, "Ashland will focus on the following water-based paint solutions, including: Ashland Natrosol™ HMHEC series, used in high co-solvent waterborne industrial systems to effectively thicken and improve sag resistance; Ashland Aquaflo™ NSAT series, fully meeting the rheological needs of paint customers' waterborne coatings; and Ashland Drewplus™ Series tailor-made defoamers. ■

## 提高颜料出口退税率助力企业争取更多海外订单

# China Raises Export Tax Rebates on Pigments Destined for Overseas Markets

百合花作为中国有机颜料的领导型企业，第一季度新型冠状病毒疫情对它们经营也造成了一定压力。幸好百合花有比较完善的应对突发事件制度与团队。百合花集团股份有限公司董事兼副总经理陈鹏飞先生说：「我们积极与政府对接，第一时间复工复产，抢占了有利时机。第一季度的营收、利润较去年同期减少约 15%。第二季度开始，我们生产就满负荷运行，很好的弥补了疫情对经营的影响。百合花发展的信心没有动摇，下半年我们又有一个高性能颜料车间投产，颜料中间体投资也一直没有停止过。高性能有机颜料营收比一直在增长。产品结构产业链的配套完善一直是百合花的核心竞争力。」

3 月 20 日开始，国家对有机颜料的出口退税从无提高到 13%。百合花表示，此次颜料产品提高出口退税率后，提高了国内颜料行业的国际竞争力，可促进公司有机颜料的产品出口。陈鹏飞先生续说：「我司非常珍惜这次行业政策，百合花也会引领行业走更加健康、绿色发展之路。」

谈到疫情后的需求，陈鹏飞先生说：「有机颜料的应用领域比较广，特殊时期对局部下游行业的确影响比较大，但总体需求还算平稳，这个从我们目前的经营状态上也可看得出来。第二季度开始由于国外疫情影响，出口有所下降，中国是有机颜料出口大国，下半年可能会有明显反弹。」

百合花作为行业唯一国家级技术中心企业，创新发展一直是我们的主题方向。随着 5G 等科技发展，我们正在开发一些高端功能性颜料品种，例如液晶用颜料、喷墨级颜料、FDA 级颜料。

在本届涂料展上，除以上产品外，百合花将向观众展示公司其它新开发的产品，例如：珠光水晶系列与变色龙系列。

2020 年中国颜料行业「机遇与挑战」并行。大浪淘沙，百合花深信把自己企业做强做精，风雨过后会迎来彩虹。

Lily is a leading organic pigment company in China, the new coronavirus pandemic in the first quarter has also put a certain pressure on our business. Fortunately, Lily has a relatively complete system and team for responding to emergencies. We actively docked with the government and resumed production as soon as possible, seizing a favorable opportunity. Revenue and profit in the first quarter decreased by about 15% compared with the same period last year. Since the second quarter, our production has been operating at full capacity, which has well compensated for the impact of the pandemic on operations. Confidence in the

development of Lily has not wavered. In the second half of the year, another high-performance pigment workshop was put into production, and investment in pigment intermediates has never stopped. The revenue ratio of high-performance organic pigments has been increasing. The matching of product structure and industrial chain has always been Lily's core competitiveness.

China increases export tax rebates on organic pigments from zero to 13% from March 20. This step can increase the international competitiveness of domestic pigment industry and promote the export of company's organic pigment products. Mr. Chen Pengfei continued: "Our company cherishes this new policy, which can help Lily continue to lead way to healthier and greener development."

Talking about the demand after the pandemic, Mr. Chen Pengfei said: "Organic pigments have relatively wide applications, and the impact on some downstream industries during special period is indeed relatively large, but luckily the total demand remains relatively constant. This can also be seen from our current operating status. Since the second quarter, China has been facing

an export shock as global demand shrinks, and problems such as declining export orders are emerging as the global pandemic continues to spread. But we believe, China is a major exporter of organic pigments, and demand for pigments is expected to rebound in the second half of the year."

Being the only national technology center enterprise in the industry, Lily has always been focusing on innovation and development. With the development of technology such as 5G, we are developing some high end functional pigment varieties, such as liquid crystal pigments, inkjet grade pigments, and FDA approved food grade pigments.

During CHINACOAT2020 Guangzhou, Lily will showcase the above-mentioned products together with other innovative products, such as crystal series pearl pigments and chameleon pigments. "Opportunities and Challenges" go hand in hand in the China coatings industry in 2020. Lily believes that enterprises can survive from severe competition by upgrading themselves. "After every storm comes a rainbow"! ■

陈鹏飞 Chen Pengfei

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## 中国加快「新基础设施」投资应对经济压力

# China Speeds Up "New Infrastructure" Investment to Combat Economic Pressure

问到，如果用一关键字来形容 2020 年中国涂料行业，耐驰（上海）机械仪器有限公司薛飞先生说：「自今年年初以来，涂料行业面对很多不确定因素，如果非要用一个词来形容中国涂料行业，我想『韧性』是较为合适的描述。因为自 2019 年中美贸易摩擦到 2020 年初的新冠疫情，中国涂料行业遇到的不确定因素较以往增加了不少，但中国涂料行业仍然能够稳步向着环保、绿色可持续方向发展。这充分说明涂料行业发展韧性大大增强了。」（第 7 页续 Continued on P.7）

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# 参观领先平台，发掘行业新趋势

## Visit Leading Platform to Discover New Trends

薛飞先生认为：「『新常态』、『高质量』和『环境友好型』将能较好描述涂料行业及企业未来的发展状态和目标。这主要是因为无论从政策角度观察，还是从社会及客户角度观察，涂料企业都必将在一个新状态和环境下，向绿色和可持续方面发展，同时满足客户的个性化需求。」

薛飞先生回顾：「近中美贸易摩擦给全世界的贸易和供应链带来较大影响，中国作为最大的贸易发展中国家不免会受到很大影响。新型冠状病毒疫情突然爆发也影响了从消费、航空、贸易、工业等各个实体经济领域，使众多企业始料不及，促使部分企业更多的将企业快速发展和风险管理平衡好。自中美贸易争端到新型冠状病毒爆发以来，政府加大了新基础设施建设及增强了稳定实体经济的财政及货币政策。耐驰公司相信这些政策将有助国内涂料行业复苏，并为涂料行业提供新机会。我们也注意到最近由于疫情的影响，行业线上市场营销活动受到更多关注。耐驰将顺应这趋势，加强线上活动，使线下和线上活动相结合！以诠释耐驰『Proven Excellence』对客户的服务态度。」

在疫情冲击下，国家大力推行新基建项目，从政策倾斜和优惠方面都有利 5G 商业化发展。薛飞先生兴奋的说：「5G 产业链涉及到从前端化工原材料到中端零部件、设备、再到终端的成品，涉及广泛行业。如应用于 5G 行业的涂料企业，可为 5G 通讯设备涂覆提供解决方案，为其生产和长期适用提供有效保护。由于上下游的科技改革，加之涂料行业本身也要进行自我改革，它将紧跟时代发展主流，将科技与智能融合到生产、加工、施工、服务等各个层面；用智能化、数字化高效管理团队，从而使涂料行业向更高效、绿色的可持续发展方向发展。」

薛飞先生总结说：「在本届『中国国际涂料展』中，我们将集中向涂料行业介绍自动化程度高、可线上操作的高效研磨分散系统：Discus Intensive 基于耐驰原有碟片式研磨系统的优化改进新机型；Epsilon 是耐驰近几年在国内市场推出的全新线上式固液混合分散系统，适合线上、连续式的自动化和智能化的工厂应用场景；PMD-VC 大批量固液混合分散系统。我们也在展览会上为客户介绍我们系统化的工程项目和交钥匙工程。我们会继续依靠全球范围和国内完善的售后服务体系，为涂料行业客户提供维护保养、维修及配件、设备改造和设备升级全方位服务，以确保设备在客户生产车间内，始终保持稳定、高效的运行状态。」

Mr. Xue Fei, NETZSCH (Shanghai) Machinery and Instruments Co., Ltd., was asked to use a keyword to describe this year's China coatings industry, he said, "From the Sino-US trade war in 2019 to the outbreak of COVID-19, the coating industry has been facing many uncertainties. I'd say China coatings industry is 'tough'. However, China coatings industry is still able to develop towards environmental protection and green sustainability. This demonstrates how 'tough' the industry has been."

Mr. Xue Fei believes, "The coating industry will shift to a "New Normal", which is a transition to "Quality" and "Environmentally Friendly" development. Either from the perspective of a policy or that of society and customers, coating companies need to meet customers' needs."

Mr. Xue Fei recalled: "China and the US have been locked in a tit-for-tat trade war for the past 17 months, slapping billions of dollars worth of tariffs on each others' goods and forcing companies to rejig supply chains. China, as the largest trading developing country, will inevitably have various negative effects. The dramatic spread of COVID-19 has disrupted lives, livelihoods, communities and businesses worldwide, especially consumption, aviation, trade and various industries. This also pushes many companies to improve their technological development and improve risk management. Since the Sino-US trade dispute to the outbreak of COVID-19, the Chinese Government readies more measures such as increasing new infrastructure and strengthening fiscal and monetary policies to stabilize economy. NETZSCH believes that these policies will help the recovery of domestic coatings industry and provide new opportunities for coatings industry. We also noticed the COVID-19 pandemic has suddenly made a great majority of people to stay at home. The new situation calls for immediate action in the form of a proper organization that suits these new circumstances. As a wide range of ordinary everyday activities is now happening online, appropriate marketing campaigns should be conducted there as well. NETZSCH will follow this trend, strengthen online activities, display NETZSCH brand awareness more effectively by optimizing online and offline marketing activities. We promise our customers Proven Excellence – exceptional performance in everything we do, proven time and again!"

China is eyeing "new infrastructure" projects to offset the economic impact of the COVID-19 and boost sustainable growth, which will favour 5G development and its related finishing technology. Mr. Xue Fei said with excitement, "The 5G industry chain involves from front-end chemical raw materials to mid-end parts, equipment, and terminal finished products, involving a relatively extensive sector chain. For example, coating companies can offer coating application solutions to 5G communication equipment with effective protection for its production and long-term application. With the new technology in upstream and downstream markets, together with the reformation of coatings industry, intelligent manufacturing plays an important role, which can make the coatings industry develop towards sustainable development."

Mr. Fei Xue concluded, "In CHINACOAT2020 Guangzhou, we will focus on introducing online operated and efficient grinding and dispersion systems: Discus Intensive, a new model based on the optimization and improvement of NETZSCH's original disc grinding system; Epsilon, a new inline solid-liquid mixing and dispersion system launched in the domestic market in recent years; PMD-VC intensive mixers which are large-volume stationary mixing and dispersing units. We will also introduce our systematic engineering projects and turnkey projects to customers during CHINACOAT2020 Guangzhou, offering one-stop engineering system solutions. We will continue to provide worldwide after-sales service including maintenance, repairs and accessories, equipment renovation and equipment."

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Our Editorial Team has brought together some innovative products/services to be presented at CHINACOAT2020 Guangzhou from our exhibitors. Other exhibitors's profiles are now available on [www.chinacoat.net](http://www.chinacoat.net).

展台号  
Booth No.  
2.2B21

### 联固展示水性环氧新品 Aqua Union Launches New Waterborne Epoxy Products

联固新材料科技有限公司的水性环氧系列产品采用先进独特的合成技术，产品化学抗性好，施工性优异，被广泛应用于地坪涂料、工业防腐涂料、集装箱漆等领域。公司环氧乳液产品如 BC 2060H、BC2092、BC5550B 以及水性环氧固化剂产品如 BC901、BC919、BC920、BC922、BC903 等型号在行业内具有良好的口碑，受到了国内外众多知名涂料企业的青睐。

The water-borne epoxy products of Aqua Union New Material Technology Co., Ltd. adopt advanced and unique synthetic technology. The products have good chemical resistance and excellent construction. They are widely used in floor coatings, industrial anti-corrosion coatings, container paints and other fields. The company's epoxy emulsion products such as BC 2060H, BC2092, BC5550B and waterborne epoxy curing agents such as BC901, BC919, BC920, BC922, BC903 and other models have good reputation in the industry, and have been favored by many well-known coatings enterprises at home and abroad.



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## 涂料行业用蜡助剂与杀菌剂

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- 砂纹蜡
- 罐内防腐剂
- 干膜防霉抗藻剂
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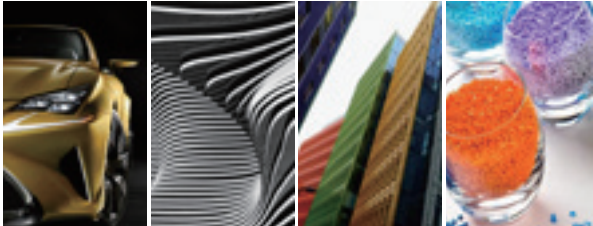


展台号  
Booth No.  
**2.1E15**

### 坤彩科技高端氯化钛白及氧化铁 Kuncai Technology's High-end Titanium Dioxide & Iron Oxide

坤彩材料科技股份有限公司是一家具有 20 多年专业从事珠光颜料集研发、生产、销售一体的全球化企业。公司年产 3 万吨珠光颜料，同时具备全自动化的生产线以实现 1 万吨合成云母的年产能，是行业中首家合成云母的生产基地。公司正在建设年产 50 万吨高端二氧化钛和 50 万吨高端氧化铁项目（其中各 10 万吨的首批生产线将于 2020 年底投产）。坤彩产业园总占地面积约 2,000 亩（133.4 万平方米）建筑面积超 100 万平方米，合计总投资约 80 亿元人民币。坤彩科技积极布局下游产业链的延伸，其主营的高浓度单色母粒于 2020 年实现首批产能的释放，公司始终坚持自主研发和创新能力，将颜料含量控制在 60~80% 的高浓度，成为行业领先单色母粒制造商。

Kuncai Material Technology Co., Ltd., founded in 1999, is a global company focusing on research, production and sales of pearlescent pigment for more than 20 years. Kuncai realizes an annual production capacity of 30,000T/Y of pearlescent pigments and 10,000T/Y of synthetic mica with a fully automated production line. Kuncai has put into an annual production of 500,000T/Y of titanium dioxide and iron oxide respectively, with the first production of 100,000T of each products will be available at end of 2020. Total area of Kuncai's production site is 1.334M sq.m. with a total investment of USD 1.2 billion. Kuncai actively develops its downstream industrial chain for new business in high mono pigment concentrate with a 60-80% pigment loading. We aim to providing the best technical services and solutions to global plastic-coloring industry.



展台号  
Booth No.  
**3.2D13**

### 天和树脂致力于水性树脂 Tianhe Resin is Committed to Waterborne Resins

天和树脂创建于 1996 年，是国内最大的不饱和树脂供应商之一。2017 年 6 月，天和树脂 10 万吨水性树脂项目在浙江天和启动，产品涉及水性丙烯酸、水性环氧、水性聚氨酯、水性醇酸、水性饱和聚酯及水性色浆。天和公司始终秉承「仁爱、环保、真诚、努力、沟通」的企业理念，以先进的生产技术、智能化的生产管理和高效客勤服务来为水性化客户提供综合的水性化应用解决方案，努力将天和树脂打造成一流的专业水性树脂供应商。

Tianhe resin, founded in 1996, is one of the largest suppliers of unsaturated polyester resin in China. In June 2017, 100,000 tons of water-borne resin project was start in Zhejiang, including water-based acrylic products, water-borne epoxy, water-borne polyurethane, waterborne alkyd, water saturated polyester and water-based printing ink. Tianhe company has always been adhering to the "love, environmental protection, sincerity, effort, communication", with advanced product technology, intelligent production management and efficient customer regular service for customers to provide comprehensive waterborne application solutions, and strives to become a first-class professional water-based resin supplier.



展台号  
Booth No.  
**2.1D41**

### 旭化成继续主推 HDI 型固化剂 Asahi Kasei Continues to Promote HDI Type Curing Agent

旭化成株式会社是日本领先的化学公司之一，也是拥有全球规模的涂料原料供应商。旭化成精细化工（南通）有限公司主要生产多耐德™和多耐乐™两个产品。多耐德™是旭化成使用自己技术独自开发的，HDI（六亚甲基二异氰酸酯）系列无黄变聚异氰酸酯产品的商品名。多耐德™产品以其卓越的耐候性、物理机械性能与化学性能，广泛用于涂料、油墨、粘结剂等。多耐乐™聚碳酸酯二醇产品具有优异的耐水分解性、耐热性、耐化性、耐候性等性能，适用于涂料、合成皮革、水性聚氨酯、UV 树脂等用途。

Asahi Kasei Corporation, one of the leading chemical companies in Japan, is also a global coating raw materials supplier. DURANATE™ and DURANOL™ are two products Asahi Kasei Performance Chemicals Corporation mainly produces. DURANATE™ is the trade name for independently developed hexamethylene diisocyanate (HDI)-based polyisocyanate series products. Owing to the outstanding weather resistance, mechanical properties and chemical performance, it is widely applied in paints, printing inks, adhesives and many other fields. DURANOL™ provides excellent resistance to hydrolysis, heat, chemicals, and weather. It offers various applications in paints, synthetic leather, waterborne polyurethane (PUD), UV resins etc.



展台号  
Booth No.  
**2.1E01**

### 硅碳鼠推出无溶剂气干型抗涂鸦高硬度硅树脂 SIC Mouse to Exhibit Solvent-Free Air-Drying Anti-Graffiti High-Hardness Silicone Resin

硅碳鼠创新化学供应平台推出的高性能硅树脂：SIC6114- 无溶剂单组分抗涂鸦硅树脂，采用特殊的硅单体通过独特的分子设计聚合而成的无溶剂环保高性能材料，漆膜具有 >90° 优异光泽、2.5H 高硬度、超耐脏污以及永久性的抗涂鸦等常规树脂不具备的特性。推荐用于混凝土地面、墙面等室内、室外需要抗涂鸦、抗贴纸、抗污染场景，固化后的涂层具有优异的离型能力，可有效防止小广告的粘贴，记号笔和其它涂料的污染也很容易被清除，清除时无需有机溶剂和化学清洗剂。

SICCAT Innovative Chemical Supply Platform has launched a high-performance silicone resin: SIC6114, a solvent-free one-component anti-graffiti silicone resin, is a solvent-free environmentally friendly high-performance material made by polymerization of special silicon monomers through unique molecular design. The paint film has excellent gloss (>90°), high hardness (2.5H), super stain resistance and permanent anti-graffiti properties that conventional resins do not have. It is recommended for indoor scenes such as concrete floors and walls, as well as outdoor scenes that require anti-graffiti, anti-stickers, and anti-pollution. The cured coating has excellent release ability, which can effectively prevent the sticking of small advertisement, markers and contamination of other paints. These traces can be easily removed, without organic solvents and chemical cleaning agents.

展台号  
Booth No.  
**3.1D41**

### 金宝力固体粉料输送系统（含各种方式的粉料输送） Jinbaoli Solid Powder Transfer System (Includes Different Kinds of Conveying System)

广东金宝力为涂料、油墨、树脂和胶粘剂以及化工建材等五个细分行业提供化工工艺包设计、自动化控制方案、化工设备选型设计、制造安装、工艺管线设计施工、电气工程设计安装的化工装置系统集成方案。现具备全系列树脂生产设备及工程配套。水性、油性涂料，油墨化工生产的化工设备系统集成自主开发能力。为客户生产实现自动化、清洁化、信息化最终达成智能化生产。

Guangdong Jinbaoli Chemical Technology Equipment Co., Ltd. focuses on five industries: paint, printing ink, resin, adhesives and chemical building materials. Our company is a one stop solution provider, from new plant construction design, equipment selection, manufacturing and installation, process pipeline design, manufacturing and installation, as well as electrical instrument, utility and automation solution. We are an innovative enterprise which makes smart factory with automotive, environmentally friendly and Informationize strategies.



展台号  
Booth No.  
**2.1D61**

### 疏水剂 SYNTHRO® PEL Water-Repellent SYNTHRO® PEL

疏水剂 SYNTHRO® PEL 系列产品是一种不含硅和氟的聚合物类疏水剂，用于水性体系。该系列产品的有效物质能形成一层相对较低的表面张力膜或堆积层在涂层表面，并与水性成膜树脂一起形成阻隔水汽屏障，改善水性涂料的疏水性，并提高水性涂膜的耐水性。

SYNTHRO® PEL series water-repellent products are polymer based and silicon and fluorine free, especially designed for water-based system. This series of products can form a relatively low surface tension film or stack layer on the surface of the coating, and together with the water-based film-forming resin to make a barrier to block water vapor. Products can improve hydrophobicity of water-based coating, and increase water resistance of water-based coating film.



展台号  
Booth No.  
**4.1E41**

### 利安隆为油性和水性涂料提供 U-Pack 解决方案 Rianlon Provides U-Pack Solutions for Both Solvent Borne and Water-Based Coatings



天津利安隆是全球优秀的高分子材料抗老化助剂产品和技术供应商。利安隆不仅展示传统溶剂型涂料和粉末涂料中常见的光稳定剂和抗氧剂，还推出了水性涂料光稳定剂优配 U-Pack 解决方案。其中 U-Pack UV-7751W 是改善水性涂料耐候性的液体光稳定剂，可减缓涂料因光照发生的变色、失光、开裂等老化现象，对涂料提供全方位耐光、光老化防护，特别适用于水性清漆、色漆体系，添加量范围 1.0~3.0%。

Rianlon is one of global leading solution providers of anti-aging additives and application technologies for polymer materials. Rianlon not only displays light stabilizers and antioxidants commonly found in solvent-based coatings and powder coatings, but also introduces U-Pack solution for both solvent borne and water-based paint light stabilizers. For example: U-Pack UV-7751W, a liquid light stabilizer to improve the weather resistance of water-based paints, can slow down aging phenomena of paints such as discoloration, loss of gloss and cracking with light. It provides all-round heat resistance and light aging protection for paint, and are especially suitable for water-based varnish and color paint systems. Recommended dosage level of additives is from 1.0% to 3.0%.

展台号  
Booth No.  
**2.2B27**

### 多森新材料科技推出水性自消光树脂 Jiangsu Duosen Technology to Launch Water-Based Self-Matting Resins

江苏多森新材料科技有限公司是一家研发、生产、销售皮革涂饰剂、助剂、油墨、涂料、特殊树脂等产品的化工企业。其 EX-1200 和 EX-1300 水性自消光树脂是特殊脂肪族聚氨酯分散液，具有优异柔软触感，光雾度高，透感强，展色性佳，无消光剂，通过粒径控制达到消光效果，主要可用于纸张印刷包装和生态合成皮革的表面涂饰。



Jiangsu Duosen produces leather finishing agents, additives, inks, coatings, special resins etc. EX-1200 and EX-1300 water-based self-matting resins are special aliphatic polyurethane dispersions, with excellent soft touch, high haze, strong translucency, good colour development, and no matting agent. Extinction effect can be achieved through particle size control. These products are mainly used in surface finishing of paper printing and packaging as well as ecological synthetic leather.

展台号  
Booth No.  
**2.1F47**

### 宁柏迪 VISCOLAM® PS 170 AIR 提供无限颜色有效增稠效果 Lamberti's VISCOLAM® PS 170 AIR Offers Efficient Thickening with Infinite Colour Choice

宁柏迪开发了出色颜色接受性的先进现代水性聚氨酯缔合型 KU 增稠剂。用户可便利地控制涂料粘度，同时还能保持惊艳色彩的可能性和长久高性能。



Lamberti has developed VISCOLAM® PS 170 AIR advanced modern water-borne PU associative KU builder thickener with outstanding colourants acceptance. Users can control paint viscosity while keeping spectacular colour possibilities and long-term high performances.

展台号  
Booth No.  
**4.1C10**

### 博兴专注紫外光固化涂料发展 Bossin Focuses on Development of UV Curable Coatings

广东博兴是专业从事 UV 树脂研发、生产、销售与技术服务的高科技企业。博兴的高官能度聚氨酯丙烯酸酯产品之一 B-609 脂肪族聚氨酯丙烯酸酯，是六官能度聚氨酯丙烯酸酯，固化速度快、耐溶剂性、抗擦伤、硬度高、性价比高。推荐用于塑料 UV 涂料、真空电镀 UV 面漆、金属 UV 涂料、PVC 表涂光油、木地板和橱柜板上光加硬 UV 涂料、UV 油墨等。



Guangdong Bossin is a high-tech enterprise specializing in UV resin R&D, production, sales and technical services. One of Bossin's high-functionality polyurethane acrylate products, B-609 aliphatic polyurethane acrylate, is a six-functionality polyurethane acrylate with fast curing speed, solvent resistance, scratch resistance, high hardness, and high cost performance. It is recommended for plastic UV coatings, vacuum electroplating UV topcoats, metal UV coatings, PVC surface coating varnishes, hardened UV coatings for wood floors and cabinets, UV inks, etc.

展台号  
Booth No.  
**3.1E01**

### 耐驰 Epsilon 全新线上式 固液混合分散系统 NETZSCH's Epsilon New Inline Solid-Liquid Mixing and Dispersion system

Epsilon 是耐驰近几年在国内市场推出的全新线上式固液混合分散系统，适合线上、连续式的自动化和智能化的工厂应用场景。其分散原理对物料没有很强的剪切力，剪切速率低，保证客户物料分散过程柔和，不会升温太高，缩短分散时间。其特有的负压和气穴作用，使物料润湿更充分，提高后续研磨效率。

Epsilon is a new inline solid-liquid mixing and dispersion system launched by NETZSCH in the domestic market in recent years. It is suitable for online, continuous automation and intelligent production sites. The dispersion process takes place in an atmospherically sealed processing chamber and is thus dust and emission free. Its unique negative pressure and cavitation effect make material more fully wetted and improve subsequent grinding efficiency. 