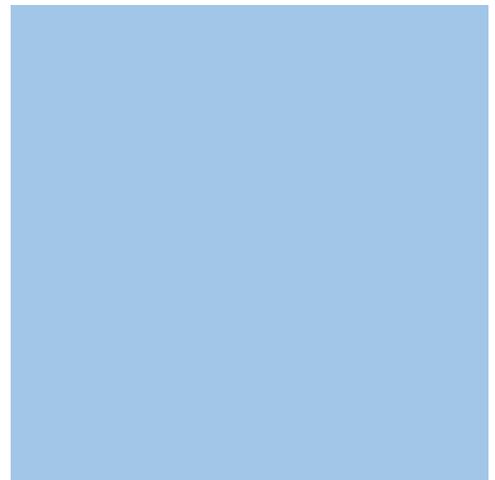
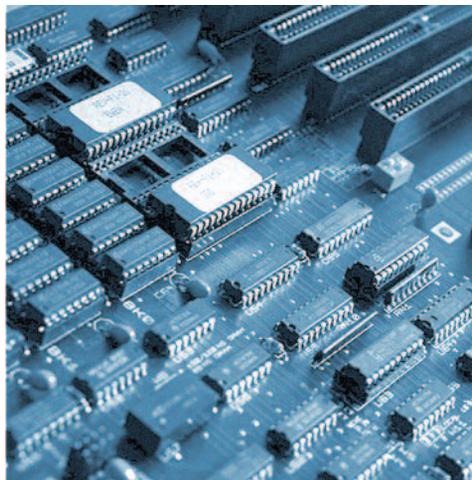
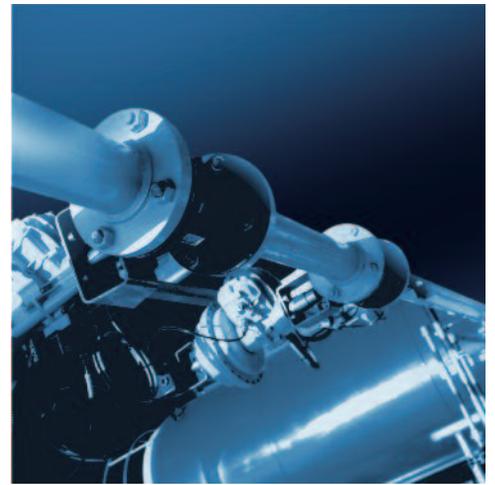
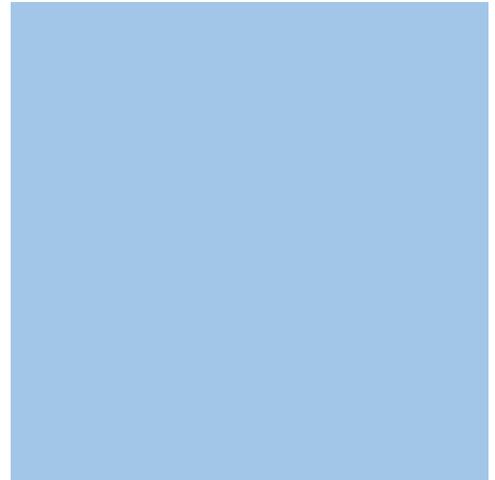




victrex®

PASSION • INNOVATION • PERFORMANCE



Asia Innovation and Technology Center

Victrex Technical Service Offerings

Asia Innovation and Technology Center Overview

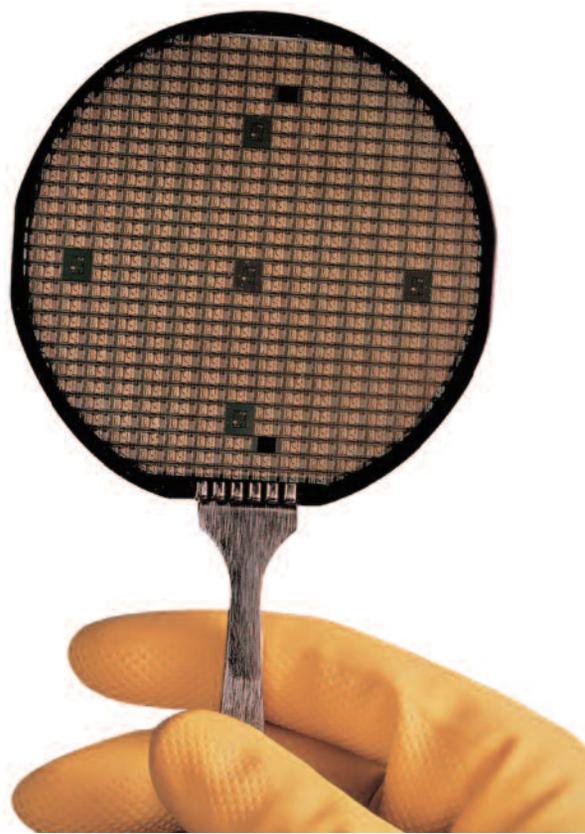
As part of the company's continuing drive to meet customer requirements in Asia, Victrex plc, the original manufacturer of VICTREX® PEEK polymer, has established an Asia Innovation and Technology Center (AITC) in Shanghai. The new facility will provide customers around the world with expertise and support in material specification, testing, research and application development.

Phase I of the AITC complex, is a US\$2.5 million, state-of-the-art, 2,000 sq m facility located in the Xinzhuang Industrial Park near Shanghai, China. Addressing the very specific needs of customers - reliable performance, quality and speed - the Center supports end-users and specifiers from around the world. Manned by expert customer service and support staff, who are able to communicate in key local languages, the AITC provides world-class on-the-ground expertise in chemical analysis and formulation engineering, to support customers' successful development and launch of VICTREX® PEEK-based products.

亚洲创新与技术中心

VICTREX®PEEK 聚合物的原制造商英国威格斯公司(Victrex)现已于上海设立亚洲创新与技术中心，以进一步满足亚洲客户的需求，实践公司对客户一直坚守的承诺。此新设施将为世界各地的客户提供材料选用、测试、研究及应用开发方面的专有技术与支持。

亚洲创新与技术中心位于上海莘庄工业园，第一期工程占地2,000平方米，投资250万美元。该中心可为世界各地的用户和专业厂商提供支持，中心内的专业客户服务与支持人员均以本地语言与客户交流，就化学分析与配方工程方面提供世界级的实际应用专有技术和意见，帮助客户成功开发并推出以VICTREX PEEK为基础的产品。





AITC services

The services provided include:

- Customer visits – fully-trained AITC staff will visit your site and / or invite you to the AITC to better understand and assist in developing your specific material and production needs.
- Technical training and seminars – your production and development staff will benefit from our technical and commercial expertise in materials implementation
- Processing optimization – with our help, you can minimize your production downtime, and maximize your profit
- Materials data generation – learn how a certain material and set of processing parameters will affect the final product, and use this to facilitate your future product development
- Molds application validation – before you sign-off on your molds, get the peace of mind that they meet the quality and design criteria that you're paying for
- Testing sample preparation – with our considerable prototyping resources, we can help to fine-tune and optimize your formulation by making samples to appropriate specifications for efficient in-house testing
- Troubleshooting – when you can't quite explain why your production process has gone wrong, we offer hands-on technical knowledge and experience and find a solution
- Technical projects with customers – with our world-class resources, considerable technical and commercial expertise, and application development strengths, we have a proven track record in taking customers' products to market successfully
- Field technical support – to save your valuable production time, our trained staff can support your technical needs, from pre-production troubleshooting, to fine-tuning your manufacturing process
- Commercial functions – it's not always just about making the product with the ultimate set of properties; with our help, you can understand what parameters can give you the most profitability

AITC facilities

The AITC includes a full-equipped processing workshop and a material analytical laboratory. Together, these resources can take a customer's design and establish an optimized set of manufacturing parameters according to the particular materials being selected, and carry out an extensive set of relevant analytical tests to confirm the real-world feasibility of a part.

The processing laboratory, manned by our manufacturing experts, can bring a product design to life, making use of the latest in injection molding and compression molding techniques. This takes away any uncertainty from a customer's product design, and in many cases open up new design alternatives for a customer.

The Material Analytical Laboratory provides material mechanical, thermal, rheological, chemical and electrical properties' tests including:

- FTIR (Fourier Transform Infra-Red) analysis
- DSC (Differential Scanning Calorimetry) analysis
- TMA (Thermo-Mechanical Analysis)
- Microscope analysis
- Mechanical tester (flex, compression, tensile at -75 °C to 300 °C)
- Impact tester (-50 °C to 150 °C)
- Microtome

With production facilities in the UK and AITC services, our global market development, sales and technical support services work hand-in-hand with customers offering practical assistance in the areas of processing, design and application development.

Contact us today to find out how we can help you.

亚洲创新与技术中心的服务

亚洲创新与技术中心所提供的服务包括:

- 拜访客户 — 受过全面培训的中心员工将上门拜访客户, 并/或邀请客户亲临中心, 以更好地了解客户特定的材料与生产要求, 并提供适当的协助。
- 技术培训与研讨会 — 我们会将材料技术知识与专业技术传授予您的生产与研发人员, 帮助他们进一步发挥所长。
- 工艺优化 — 借着我们的帮助, 您可以将生产停工时间减至最少, 获得最大的利润。
- 收集材料数据 — 让您了解某种材料及工艺参数对成品的影响规律, 并利用这些规律帮助未来产品的研发。
- 模具应用的验证 — 在购买模具前, 让您清楚确定该产品达到您所需的质量和设计标准。
- 测试样品制备 — 凭借丰富的原型资源, 我们能够为您制作合格格的样品, 加快您的内部测试, 帮助您调整及优化配方。
- 故障检修 — 当客户无法清楚解释生产过程中出现的问题时, 我们可以利用本身的专业技术知识与经验, 为客户提供支持, 找出解决方案。
- 与客户合作的技术项目 — 我们拥有世界一流的资源、丰富的知识与专业技术, 加上应用开发的实力, 在帮助客户成功把产品推出市场方面一向表现卓越, 深受客户赞赏。
- 现场技术支持 — 我们深白客户的生产时间非常宝贵, 所以训练有素的员工能提供全面的技术支持, 从生产前的故障检修以至生产工艺的精细调整, 致力满足客户的各种需要。
- 提供商业意见 — 产品开发并不仅仅是生产具有最终性能的产品, 我们会为客户提供商业意见, 帮助您了解到什么考量因素可以带来最大的利润。

亚洲创新与技术中心的加工实验室

亚洲创新与技术中心的材料分析实验室可以提供材料的机械性能、热性能、流变学性能、化学性能及电性能测试, 包括:

- 傅里叶变换红外光谱 (Fourier Transform Infra-Red, FTIR) 分析
- 差示扫描量热仪 (Differential Scanning Calorimetry, DSC) 分析
- 热机械分析 (Thermo-Mechanical Analysis, TMA)
- 显微镜
- 力学测试仪 (-75°C至300°C的弯曲、压缩与拉伸测试)
- 冲击测试仪 (-50°C至150°C)
- 切片机

威格斯的工作团队由专注于市场开发、销售和技术的专家构成, 在世界各地与客户共同工作, 帮助他们开发新的应用和原型构建, 提供产品性能数据和处理技术。

要了解更多信息, 请访问公司网站<http://www.victrex.com>。

www.victrex.com



Victrex Polymer Solutions, a division of Victrex plc, is the world's leading manufacturer of Polyaryletherketones, high performance polymers, which are sold under the brand names VICTREX® PEEK polymer, VICOTE® Coatings, APTIV® films and VICTREX Pipes™. With production facilities in the UK backed by sales and distribution centres serving more than 30 countries worldwide, our global market development, sales, and technical support services work hand-in-hand with OEMs, designers and processors offering assistance in the areas of processing, design and application development to help them achieve new levels of cost savings, quality, and performance.

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