

PC 基础创新塑料(沙特) 1003R 标准耐热性耐候性抗紫外线

产品名称	PC 基础创新塑料(沙特) 1003R 标准耐热性耐候性抗紫外线
公司名称	京冀（广州）新材料有限公司
价格	15.80/千克
规格参数	PC:耐热性 1003R:耐候性 沙特:抗紫外线
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产品详情

应用

PC工程塑料的三大应用领域是玻璃装配业、汽车工业和电子、电器工业，其次还有工业机械零件、光盘、包装、计算机等办公室设备、医疗及保健、薄膜、休闲和防护器材等。PC可用作门窗玻璃，PC层压板广泛用于银行、使馆、拘留所和公共场所的防护窗，用于飞机舱罩，照明设备、工业安全档板和防弹玻璃。

PC板可做各种标牌，如汽油泵表盘、汽车仪表板、货栈及露天商业标牌、点式滑动指示器，PC树脂用于汽车照明系统，仪表盘系统和内装饰系统，用作前灯罩，带加强筋汽车前后档板，反光镜框，门框套、操作杆护套、阻流板、PC被应用用作接线盒、插座、插头及套管、垫片、电视转换装置，电话线路支架下通讯电缆的连接件，电闸盒、电话总机、配电盘元件，继电器外壳，PC可做低载荷零件，用于家用电器马达、真空吸尘器，洗头器、咖啡机、烤面包机、动力工具的手柄，各种齿轮、蜗轮、轴套、导规、冰箱内搁架。PC是光盘储存介质理想的材料。

PC瓶(容器)透明、重量轻、抗冲性好，耐一定的高温和腐蚀溶液洗涤，作为可回收利用瓶(容器)。PC及PC合金可做计算机架，外壳及辅机，打印机零件。改性PC耐高能辐射杀菌，耐蒸煮和烘烤消毒，可用于采血标本器具，血液充氧器，外科手术器械，肾透析器等，PC可做头盔和安全帽，防护面罩，墨镜和运动护眼罩。PC薄膜广泛用于印刷图表，医药包装，膜式换向器。

聚碳酸酯的应用开发是向高复合、高性能、专用化、系列化方向发展，已推出了光盘、汽车、办公设备、箱体、包装、医药、照明、薄膜等多种产品各自专用的品级牌号。

建材行业

The three main application fields of PC Engineering Plastics are glass assembly industry, automobile industry and electronic and electrical industry, then there are industrial machinery parts, cd-roms, packaging, computers and other office equipment, medical and health care, film, leisure and protective equipment. PC can be used as door and window glass, PC laminates are widely used for protective windows in banks, embassies, detention places and public places, for aircraft hoods, lighting, industrial safety baffles and Bulletproof glass. PC board can be used for all kinds of signs, such as gasoline pump dial, car dashboard, warehouse and open-air commercial signs, point-and-slide indicators, PC resin for automotive lighting systems, Dashboard Systems and interior decoration systems, used as a front lampshade, with stiffened front and rear shifters, reflective mirror frames, door frame cover, operating rod cover, baffle plate, PC are used as connection parts of junction box, socket, Plug and sleeve, Gasket, TV conversion device, communication cable under telephone line bracket, switch box, telephone switchboard, distribution panel components, relay housing, PC can be used as low-load parts for household electric motors, vacuum cleaners, the handle of head washer, coffee machine, toaster, power tool, all kinds of gear, worm wheel, shaft sleeve, guide, shelf in refrigerator. PC is the ideal material for optical disk storage medium. PC bottles (containers) transparent, light weight, good impact resistance, resistance to certain high temperature and corrosion solution washing, as a recyclable bottles (containers) . PC and PC alloy can do computer frame, Shell and auxiliary machine, printer parts. The modified PC is resistant to high-energy radiation sterilization, resistant to cooking and baking disinfection, and can be used for blood sample collection apparatus, blood oxygenator, surgical instruments, renal dialyzer, etc. , sunglasses and sports goggles. PC films are widely used in graphic arts, pharmaceutical packaging, and membrane commutators.

聚碳酸酯板材具有良好的透光性，抗冲击性，耐紫外线辐射及其制品的尺寸稳定性和良好的成型加工性能，使其比建筑业传统使用的无机玻璃具有明显的技术性能优势。中国建有聚碳酸酯建材中空板生产线20余条，年需用聚碳酸酯7万t左右，到2005年达到14万t。

汽车制造业

聚碳酸酯具有良好的抗冲击、抗热畸变性能，而且耐候性好、硬度高，因此适用于生产轿车和轻型卡车的各种零部件，其主要集中在照明系统、仪表板、加热板、除霜器及聚碳酸酯合金制的保险杠等。

根据发达国家数据，聚碳酸酯在电子电气、汽车制造业中使用比例在40%~50%，中国在该领域的使用比例只占10%左右，电子电气和汽车制造业是中国迅速发展的支柱产业，未来这些领域对聚碳酸酯的需求量将是巨大的。中国汽车总量多，需求量大，因而聚碳酸酯在这一领域的应用是极有拓展潜力的。医疗级PC料制作成的注射器

医疗器械

由于聚碳酸酯制品可经受蒸汽、清洗剂、加热和大剂量辐射消毒，且不发生变黄和物理性能下降，因而被广泛应用于人工肾血液透析设备和其他需要在透明、直观条件下操作并需反复消毒的医疗设备中。如生产高压注射器、外科手术面罩、一次性牙科用具、血液分离器等。

The polycarbonate sheet in building materials industry has good light transmission, impact resistance, UV radiation resistance, dimensional stability and good molding processing performance of its products, it has obvious technical advantages over the inorganic glass traditionally used in the construction industry. China has built more than 20 production lines of Polycarbonate Hollow Board, with an annual requirement of 70,000 tons of polycarbonate,

reaching 140,000 tons in 2005. The polycarbonate used in automobile industry has good impact resistance, thermal distortion resistance, good weatherability and high hardness, so it is suitable for the production of various parts of cars and light trucks, it is mainly concentrated in lighting system, instrument panel, heating plate, defroster and polycarbonate alloy bumper. According to data from developed countries, polycarbonate is used in 40% to 50% of the electronics, electrical and automobile manufacturing industry, while China only accounts for about 10% of the use in this field, the electronics, electric and automobile manufacturing industries are the pillar industries of China's rapid development, and the demand for polycarbonate in these fields will be huge in the future. The application of polycarbonate in this field is of great potential because of the large amount of automobile and the large demand in China. Because the polycarbonate products can be subjected to steam, cleaning agent, heating and high dose radiation disinfection, and there is no yellowing and physical performance degradation, therefore, it is widely used in artificial kidney hemodialysis equipment and other medical equipment which needs to be operated under transparent and visual conditions and needs to be repeatedly disinfected. Such as the production of high-pressure syringes, surgical masks, disposable dental appliances, blood separators.