

PC 上海科思创（拜耳）2805(白底) 通用 中粘度 白色遮光

产品名称	PC 上海科思创（拜耳）2805(白底) 通用 中粘度 白色遮光
公司名称	京冀（广州）新材料有限公司
价格	17.70/千克
规格参数	PC:阻燃 2805:中粘度 上海科思创:通用
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产品详情

PC的常用性

PC的熔融粘度高,成型收缩率恒定在0.5~0.7%。在较高温度,较长时间的载荷作用下,冷流动性较小,要优于POM(聚甲醛)。PC的热变形温度为132~148 ,若用玻璃纤维增强后还可提高15 左右。它的线胀系数小,耐老化性能较好。

PC有良好的透光性,透光率在塑料中仅次于PMMA和PS,可以制作透明塑料制品,也可以着色制成鲜艳的制品。PC的吸水率很小,在潮湿环境中使用时尺寸变化很小。它有优良的耐热性,可在130 高温状态下长期使用,耐寒性也很好,在-180 时仍不易脆裂。

PC的力学性能与PA和POM相近,但冲击强度是常用工程塑料中好的品种之一,远优于PA。PC的电绝缘性能优良,化学稳定性好,在室温下能耐稀酸、氧化剂、还原剂、盐、脂肪烃等,奶油性能良好。

原料物性描述:PC树脂具有无与伦比的抗冲击性、*的尺寸稳定性和水晶般的透明度,一直以来都是聚碳酸酯产品中的佼佼者。它是一种具有优良的机械、光、电和热学特性的无定形工程热塑性材料。LEXAN树脂为设计人员提供了新的机遇,用来生产创新、经济实用的产品,例如护目镜、CD、厨房器皿和商用设备等。

PC properties: PC is a non-crystalline engineering material, with excellent impact

strength, thermal stability, gloss, bacterial inhibition properties, flame retardancy and anti-pollution properties. The notched Izod Impact Strength of PC is very high, and the shrinkage rate is very low, generally 0.1% ~ 0.2% . Like other resins, the density of PC is 1.2 g/cm³, which is yellow and good colouring. If adding a little light blue, we can get colorless transparent products. PC hard and tough, with good dimensional stability, creep resistance and heat resistance, it burns slowly, the flame is yellow, emitting black carbon beam, but waiting for plastic melting, foaming, give off a special smell of flowers and fruits. PC has high melt viscosity and constant molding shrinkage of 0.5 ~ 0.7% . Under the action of higher temperature and longer time load, the cold flowability is less, which is better than POM (polyformaldehyde) . The thermal deformation temperature of PC is 132 ~ 148 ° C, which can be increased by about 15 ° C if reinforced with glass fiber. It has small linear expansion coefficient and good aging resistance. PC has good light transmittance, second only to PMMA and PS in plastics, can be made of transparent plastic products, can also be made of bright colored products. PC's water absorption rate is very small, when used in a humid environment, the size change is very small. It has excellent heat resistance and can be used for a long time at high temperature of 130 ° C. it also has good cold resistance and is not easy to crack at -180 ° C. The mechanical properties of PC are similar to those of PA and POM, but the impact strength of PC is one of the best engineering plastics, which is much better than that of PA.. PC has excellent electrical insulation, good chemical stability, resistance to dilute acid, oxidant, reducing agent, salt, aliphatic hydrocarbon, etc. . Raw Material Description: PC resin with unparalleled shock resistance, * size stability and crystal-like transparency, has always been the leader in polycarbonate products. It is an amorphous engineering thermoplastic material with excellent mechanical, optical, electrical and thermal properties. Lexan resin offers new opportunities for designers to produce innovative, cost-effective products such as goggles, cds, kitchen utensils and commercial equipment.