

PA6 1013B

产品名称	PA6 1013B
公司名称	东莞市晶宏塑胶原料有限公司
价格	.00/KG
规格参数	品牌:日本宇部 型号:1013B 特性:标准粘度
公司地址	东莞市樟木头镇百果洞百顺小区三巷5号一楼 (注册地址)
联系电话	076989977070 18200646066

产品详情

PA6 1013B应用于电子电器,工业应用,汽车部件--密度:1.14 g/cm³ 吸水率:1.8 % 成型收缩率:1.4 % 热变形温度:75

It can absorb 8% when the water absorption is 100% relative to the saturation of moisture absorption, and the service temperature can be between 45 ~110 C. Melting point: 218-290 C. The suitable wall thickness is 2.2-3.6 mm. The mechanical properties of PA6, such as tensile and compressive strength, vary with temperature and moisture absorption. Because the melting temperature of PA6 is about 220 C, it has a wide processing range. Compared with PA66, it has better impact resistance and solubility, but stronger hygroscopicity. In order to improve the mechanical properties of PA6, various modifiers are often added. Glass fiber is the most common additive, sometimes toughening agent is added to improve impact resistance

Although PA6 has many advantages, it also has some shortcomings, especially the poor notch impact performance under dry and low temperature conditions, which limits its application in dry and cold environments. Therefore, the toughening research of PA6 under dry and low temperature conditions is of great significance. The following is a brief introduction to the recent research status of toughening of PA6. Toughening of nylon 6 has been an important subject of nylon modification since 1970s. There are three main ways to obtain high toughness nylon 6 blends: blending with polyolefins and elastomers; blending with high toughness engineering plastics; and toughening with inorganic particles.

PA6 was first developed by the German BASF joint venture company in the late 1930s, and was formally industrialized in the early 1940s. Polyamide macromolecule structure contains a large number of amide groups, the end of which is amino or carboxyl group. It is a semi-crystalline polymer with strong polarity, hydrogen bonding and certain reactivity. PA6 has excellent comprehensive properties: high strength and good toughness in wet state; oil resistance, organic solvent resistance, chemical resistance; small friction coefficient, excellent self-lubrication performance; good processing performance, so it has been widely used, such as automobile, electronic and electrical, machinery,

packaging, weapons, communications, aerospace, office machinery, household appliances, construction, daily necessities, sports goods, etc. Domain, especially automobile, electronics, packaging and other industries, consumption has been on the rise.