

常用塑料的性能用途

Performance uses of commonly used plastics

PE 是聚乙烯塑料，化学性能稳定，通常制作食品袋及各种容器，耐酸、耐碱及盐类水溶液的侵蚀，但不宜用强碱性洗涤剂擦拭或浸泡。

PE is polyethylene plastic with stable chemical properties. It is usually made into food bags and various containers. It is resistant to acid, alkali and salt aqueous solutions, but it should not be wiped or soaked with strong alkaline detergents.

PP 是聚丙烯塑料，无毒、无味，可在 100°C 的沸水中浸泡不变形、不损伤，常见的酸、碱有机溶剂对它几乎不起作用。多用于食具。

PP is polypropylene plastic, which is non-toxic and odorless. It can be soaked in boiling water at 100° C without deformation or damage. Common acid and alkali organic solvents have almost no effect on it. Mostly used for tableware.

PS 是聚苯乙烯塑料，容易着色、透明性好，多用于制作灯罩、牙刷柄、玩具、电器零部件。它耐酸碱腐蚀，但易溶于氯仿、二氯乙烯、香蕉水等有机溶剂。

PS is polystyrene plastic, which is easy to color and has good transparency. It is mostly used to make lampshades, toothbrush handles, toys, and electrical components. It is resistant to acid and alkali corrosion, but is easily soluble in organic solvents such as chloroform, dichloroethylene, banana water, etc.

PVC 是聚氯乙烯塑料，色泽鲜艳、耐腐蚀、牢固耐用，由于在制造过程中增加了增塑剂、抗老化剂等一些有毒辅助材料，故其产品一般不存放食品和药品。

PVC is polyvinyl chloride plastic, which is bright-colored, corrosion-resistant, strong and durable. Due to the addition of some toxic auxiliary materials such as plasticizers and anti-aging agents during the manufacturing process, its products generally do not store food and medicine.

ABS 是由丙烯腈、丁二烯、苯乙烯聚合的塑料，它色彩醒目，耐热、坚固、外表面可镀铬、镍等金属薄膜，可制作琴键、按钮、刀架、电视机外壳、伞柄等。

ABS is a plastic polymerized by acrylonitrile, butadiene, and styrene. It has eye-catching colors, heat resistance, and strength. The outer surface can be plated with chrome, nickel and other metal films. It can be used to make piano keys, buttons, knife holders, TV casings, and umbrella handles. wait.

PA 是尼龙塑料，它的特性坚韧、牢固、耐磨，常用于制作梳子、牙刷、衣钩、扇骨、网袋绳、水果外包装袋等。无毒性，但不可长期与酸碱接触。

PA is a nylon plastic. It is tough, strong and wear-resistant. It is often used to make combs, toothbrushes, clothes hooks, fan ribs, mesh bag ropes, fruit packaging bags, etc. Non-toxic, but not in long-term contact with acids and alkalis.