

### Some Common Synthetic Polymers

Type of Plastic	Commercial Names	Some Uses
Acrylic	Acrylan, Orlon	sweaters, carpets
Nylon	Cantrece, Antron	clothing, carpet
Polyacrylic acid	acrylic paint	cars, homes, art
Polyacrylonitrile	Orlon, Acrilan	clothing, fabrics
Polybutadiene	rubber, Buna S	automobile tires
Polycarbonate	Lexan, Merlon	football helmets
Polyethylene	Alathon	shopping bags, electrical insulation
Polyethylene terephthalate (polyester)	Mylar, Dacron, Avisco, Jetspun, Zantrel	soft drink bottles, photographic film, audiotapes, clothing, fabrics
Polymethacrylate	Lucite, Plexiglass	aircraft windshields
Polypropylene	Herculon, Vectra	luggage, fabrics
Polystyrene	Styrofoam	foam cups, videocassettes
Polytetrafluoroethylene	Teflon	stain-proof coating on upholstery, non-stick coating on cooking utensils
Polyurethane	foam rubber	sofa cushions
Polyvinyl acetate	Vinylite	chewing gum, adhesives
Polyvinyl chloride	Naugahyde, Koroseal	raincoats, drain pipes, phonograph records
Polyvinylidene chloride	Saran Wrap	food wrapping
Silicone	RTV 615, Silastic	water-repellant coatings, lubricants
Spandex	Lycra, Spandelle	elastic waistbands, tights,
Viscose rayon	cellophane	transparent tape