

1839 - 1856

## INVENTION OF THE PRECURSORS

Natural Rubber, Vulcanite, Gutta- Percha, Shellac, and Bois Durci.

1839 - 1894

## BEGINNING OF THE PLASTIC ERA WITH SEMI-SYNTHETICS

Polystyrene or PS, Parkesine, Cellulose Nitrate or Celluloid, Polyvinyl Chloride or PVC, Viscose Rayon.

1908 - 1939

## THERMOSETTING PLASTICS AND THERMOPLASTICS

Cellophane, Phenol-Formaldehyde (trade name Bakelite), Vinyl or PVC, Polyvinylidene chloride or Saran, also called PVDC, Low-density polyethylene or LDPE, Acrylic or Polymethyl Methacrylate, Polyurethanes (trade name Igamid for plastic materials and Perlon for fibers), Polystyrene, Polytetrafluorethylene or PRFE (trade name Teflon), Nylon and Neoprene

1941 - 1985

## POLYETHYLENE TEREPHTHALATE OR PET

Polyethylene Terephthalate or Pet, Low-Density Polyethylene, Unsaturated Polyester PET, High-density polyethylene or HDPE (trade name Marlex), Polypropylene or PP, Saran Wrap, Styrofoam, Polyimide, Thermoplastic Polyester, Linear Low-Density Polyethylene, Liquid Crystal Polymers