

Download Concise Guide To Plastics

Polymer Testing provides a wide range of testing and analysis services the polymers and plastics industries. Our facilities for plastic product and process development utilise both pilot and full scale polymer processing equipment. A thermosetting polymer, resin, or plastic, often called a thermoset, is a polymer that is irreversibly hardened by curing from a soft solid or viscous liquid prepolymer or resin. Curing is induced by heat or suitable radiation and may be promoted by high pressure, or mixing with a catalyst. Poly(methyl methacrylate) (PMMA), also known as acrylic, acrylic glass, or plexiglass as well as by the trade names Crylux, Plexiglas, Acrylite, Lucite, and Perspex among several others (see below), is a transparent thermoplastic often used in sheet form as a lightweight or shatter-resistant alternative to glass. The Earth can't digest plastic. Plastic things are bought and used and that's it – the Earth is burdened further. This issue has reached critical point.