

HIGH QUALITY MATERIALS. CUSTOM BLOW MOLDING EXPERTISE.

Universal Plastics sources the highest quality materials from our extensive network of leading suppliers within the industry. A selection of the most commonly used blow molding materials are listed below.

- **HDPE (High Density Polyethylene):** Excellent impact and chemical resistance. Good cold temperature properties. Dimensionally not as stable as other materials.
- **PP (Polypropylene):** Excellent chemical resistance. Rigid, with very good impact strength. Good at higher temperatures. But dimensionally not as stable as other materials, similar to HDPE.
- **PETG (Polyethylene Terephthalate Glycol):** Clear, with excellent impact strength. Forms well.
- **PC (Polycarbonate):** Very high impact strength. Clear. High temperature resistance.

Other specialty materials are available. We have extensive experience using a variety of plastic materials with unique properties and characteristics.

Universal Plastics uses several different types of material technologies and a wide variety of additives to offer creative solutions that optimize price and performance. Our knowledgeable, experienced staff can push the boundaries of material and process performance criteria for creative blow molding options including additives to meet demanding processing or physical property targets, alloys and engineered compounds.

For more information on materials used and to discuss what may work best for your needs, [contact us](#).