



### WHEATON® Plastic Bottles

Plastic containers have been developed for a variety of applications across many different industries over the years. There are many different types of polymers used in the creation of these containers to help fill the demands for the various applications. Polymers offer a variety of properties, each having different levels of importance with different users depending on the application. Some users may have flexibility within their product formula or filling process and therefore focus on economical containers while others may need containers that are stronger, autoclavable, transparent, sterilized, etc., therefore requiring more specifications. WHEATON can help with polymer selection through comprehension of the customer's product, goals, and adaptability.

Many things govern polymer suitability for package use. These include:

- Permeation / Barrier
- Sorption Characteristics
- Chemical Resistance
- Stress Crack Resistance
- Rigidity / Flexibility
- Impact Resistance
- Sterilizability
- Recyclability
- Temperature Resistance

Product Highlights	
<ul style="list-style-type: none"> <li>• Multiple polymers are available to fit packaging needs</li> </ul>	<ul style="list-style-type: none"> <li>• Polypropylene containers may be sterilized by autoclave</li> </ul>
<ul style="list-style-type: none"> <li>• Amber colored plastic is ideal for light sensitive products</li> </ul>	<ul style="list-style-type: none"> <li>• White polypropylene or black phenolic screw closures can be purchased separately</li> </ul>
<ul style="list-style-type: none"> <li>• Narrow mouth bottles are ideal for liquids</li> </ul>	<ul style="list-style-type: none"> <li>• Wide mouth bottles are ideal for dry and viscous samples</li> </ul>

## Leak Resistant Bottles

- High or low density polyethylene or polypropylene
- Superior double seal closure for leak resistance
- Amber or natural color
- Available in narrow or wide mouth

## Wide Mouth Blake Packer

- High density polyethylene, natural color
- Good chemical resistance
- Wide mouth is ideal for solid samples
- Blake design maximizes storage space

## Wide Mouth Container, Polypropylene

- Durable container with good chemical resistance
- Polypropylene container with linerless cap is autoclavable

## Cylinder Round Bottles

- High density polyethylene
- Available in white or natural
- Good chemical resistance
- Narrow mouth is ideal for liquids

## Sterile PETG Media Bottles

- Excellent gas barrier properties, ensuring pH stability
- Sterile, tamper-resistant seal ensures product integrity prior to use
- Meets ISO 10993 and/or USP Class VI biocompatibility requirements
- Recommended temperature range 70°C to -40°C

## Sterile PET Media Bottle

- Polyethylene terephthalate
- Permanent in-mold graduations
- Supplied with caps pre-attached and shrink wrapped in convenient trays

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