

# Which Blow Molding Process is Right for Your Bottle?

## Extrusion Blow Molding



Use the EBM process to manufacture large-size, High Density Polyethylene (HDPE), Low Density Polyethylene (LDPE), and Polypropylene (PP) bottles with large necks.

## Injection Blow Molding



IBM is ideal for the production of HDPE, LDPE, and PP bottles that have small bodies and relatively small necks. We use IBM when manufacturing bottles with very tight neck tolerances.

## Compression Blow Molding



Use the CBM process to manufacture bottles that have large bodies and relatively small necks. The bottles can be made with HDPE, LDPE, and PP resin, and can achieve very tight critical neck dimensions.

## Injection Stretch Blow Molding



Use ISBM to manufacture bottles that have small to medium bodies and relatively small necks. We use ISBM to manufacture all of our Polyethylene Terephthalate (PET) bottles.

	Manufacturing Process			
	EBM	CBM	IBM	ISBM
Ideal for HDPE, LDPE, and PP resin	✓	✓	✓	✓
Ideal for PET resin				✓
Ideal for medium to large blow-up ratio with tight neck tolerance		✓		
Ideal for small to medium blow-up ratio with tight neck tolerance			✓	✓
Ideal for small to medium blow-up ratio	✓			
Ideal for smaller size bottles			✓	✓
Ideal for adjusting bottle weight	✓	✓		
Ideal for window stripes	✓	✓		
Ideal for multiple plastic layers	✓	✓		

For more information, contact your Account Representative.  
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