



# CirculenRecover LM6007R

## Ideal for liquid food products

CirculenRecover LM6007R is a single pellet, high density polyethylene resin containing 25% Post Consumer Recycled (PCR) content. Food contact compliant and featuring very low taste and odor transfer characteristics, LM6007R is well suited for food applications, including dairy. Versatile across multiple extrusion processes, it is commonly used in extrusion blow mold applications and is a drop-in replacement for virgin LM6007 that does not require dry blending and exhibits no reduction in speed or efficiency on reciprocating and continuous blow molding lines.



## Meet the demands for sustainable solutions

With more consumers demanding sustainable packaging, brand owners are increasingly looking to their supply chain partners for solutions. From recycle sourcing through to end-product customization, LyondellBasell's *Circulen* portfolio is driving collaboration across the supply chain to deliver high-quality solutions for recycled content needs.

## Features & benefits

### Product

- Food contact compliant
- Low taste and odor transfer
- Regulatory safety assessment of raw materials
- Contains 25% post-consumer, mechanically recycled HDPE resin
- Mono-material polyethylene design maintains closed-loop recyclability of molded parts
- High stiffness and rigidity for liquid filled containers

### Converter processing

- No blending required
- Can be used as a drop-in replacement for LM6007 virgin
  - Easy to mold, maintaining quality
  - Maintain line speeds

### Targeted processes

- Extrusion blow molded bottles and jugs
- General sheet extrusion
- General profile extrusion

### End-use products and markets

- Dairy/milk (Grade A)
- Drinking Water
- Juices
- Teas

### Physical properties

Property	LM6007R
Melt flow rate	0.80 g/10min
Density	0.960 g/cm <sup>3</sup>
PCR Content	25%

Learn about the full line of *Circulen* products at [lyondellbasell.com/circulen](http://lyondellbasell.com/circulen)