



CirculenRecover LR7320R

Ideal for blow molded bottles and tubes



Available as a single pellet, this high density polyethylene-based resin containing 75% Post Consumer Recycled (PCR) content. *CirculenRecover* LR7320R is primarily used in extrusion blow molding products that require good die swell and manageable flash. With food contact compliance, a strong ESCR rating, and a natural color that facilitates consistent color matching, LR7320R is suitable for a wide variety of food and non-food applications.

In the face of growing consumer demand for sustainable packaging, brand owners can rely on LyondellBasell to provide solutions. From preferred sourcing partnerships to pilot plant capabilities, to a portfolio featuring mechanically recycled, advanced recycled, and bio-circular renewable sources, LyondellBasell has the expertise and product solutions to help you achieve your sustainability goals.

Physical Properties

Property	Units	CirculenRecover LR7320R	Virgin LR732002
Melt Flow Rate (190°C/2.16kg)	g/10min	0.25	0.30
Density	g/cm ³	0.956	0.953
ESCR (100% Igepal, B)	hrs	55	30
PRC Content %	%	75	0

Product Benefits

- Single pellet, natural resin color
- Contains at least 75% post-consumer, mechanically recycled material
- Food contact compliant
- Similar Environmental Stress Crack Resistance (ESCR) vs virgin copolymer equivalent
- Good balance of stiffness and toughness

Converter Processing

- No blending required at 75% PCR target
- Can be blended with LR73202 virgin grade to achieve custom target PCR level

Targeted Processes

- Extrusion Blow Molding
- Tube Extrusion
- General Profile Extrusion

End-Use Products and Markets

- Foods items, viscous liquids, pastes and powders
- Health & Beauty lotions, skin care shampoos and conditioners
- Household Industrial Chemicals, detergents, bleach, chemical cleaners for home care

About us

We are LyondellBasell (LYB) – a leader in the global chemical industry creating solutions for everyday sustainable living. Through advanced technology and focused investments, we are enabling a circular and low carbon economy. Across all we do, we aim to unlock value for our customers, investors and society. As one of the world's largest producers of polymers and a leader in polyolefin technologies, we develop, manufacture and market high-quality and innovative products for applications ranging from sustainable transportation and food safety to clean water and quality healthcare. For more information, please visit www.lyb.com or follow [@LyondellBasell](https://www.linkedin.com/company/lyondellbasell) on LinkedIn.

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