

# CirculenRecover L5670R

## LyondellBasell Industries - High Density Polyethylene

### General Information

#### Product Description

CirculenRecover L5670R is a PCR-rich resin used in blown film applications for flexible packaging.

#### General

Recycled Content	• Post-Consumer (PCR), 90%		
Features	• General Purpose	• Low Gel	
Uses	• Film	• Food Packaging	• Laminates
	• Flexible Packaging	• Industrial Applications	• Shrink Wrap
Appearance	• Natural Color		
Processing Method	• Blown Film		

### Properties<sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density (23°F)	0.956	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus - MD	117000	psi	ASTM D882
Secant Modulus - TD	161000	psi	ASTM D882
Tensile Strength - MD (Yield)	34200	psi	ASTM D882
Tensile Strength - MD (Break)	2730	psi	ASTM D882
Tensile Strength - TD (Break)	3800	psi	ASTM D882
Tensile Elongation - MD (Break)	180	%	ASTM D882
Tensile Elongation - TD (Break)	3.6	%	ASTM D882
Elmendorf Tear Strength - MD	20	g	ASTM D1922
Elmendorf Tear Strength - TD	570	g	ASTM D1922