

Polypropylene, Specialty Products

**Product Description**

Clyrell RC112L is a polypropylene random copolymer, specially designed for manufacturing of films. This grade features low modulus and good optics. It can be used as a sealing or printing layer in co-extruded film applications. It does not contain slip or anti-block additives.

**Regulatory Status**

For regulatory compliance information, see Clyrell RC112L [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

<b>Status</b>	Commercial: Active
<b>Availability</b>	Africa-Middle East; Asia-Pacific; Europe; Russia
<b>Application</b>	Bags & Pouches; Food Packaging Film
<b>Market</b>	Flexible Packaging
<b>Processing Method</b>	BOPP; Cast Film

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	7.0	g/10 min	ISO 1133-1
Density	0.90	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus	450	N/mm <sup>2</sup>	ISO 178
Tensile Stress at Break, (23 °C, 50 mm/min)	26	N/mm <sup>2</sup>	ISO 527-1, -2
Tensile Stress at Yield, (23 °C, 50 mm/min)	18	N/mm <sup>2</sup>	ISO 527-1, -2
Tensile Strain at Break, (23 °C, 50 mm/min)	680	%	ISO 527-1, -2
Tensile Strain at Yield, (23 °C, 50 mm/min)	15	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Edgewise, Notch A)	13	kJ/m <sup>2</sup>	ISO 179-1/1eA
(0 °C, Type 1, Edgewise, Notch A)	7	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Vicat Softening Temperature, (A50)	113	°C	ISO 306
Deflection Temperature Under Load, (0.46 N/mm <sup>2</sup> )	55	°C	ISO 75B-1, -2

## Notes

These are typical property values not to be construed as specification limits.

## Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

## Company Information

For further information regarding the LyondellBasell company, please visit

© LyondellBasell Industries Holdings, B.V. 2018

## Disclaimer

Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use, processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally.

In addition to any prohibitions of use specifically noted in this document, LyondellBasell may further prohibit or restrict the sale of its products into certain applications. For further information, please contact a LyondellBasell representative.

## Trademarks

The Trademark referenced within the product name is owned or used by the LyondellBasell family of companies.