

# Clyrell RC2472

Polypropylene Random Copolymer

LyondellBasell Industries

## Message:

Clyrell RC2472 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. For regulatory information please refer to Clyrell RC2472 Product Stewardship Bulletin (PSB).

General Information			
Features	Opticals		
	Random Copolymer		
Uses	Bags		
	Bi-axially Oriented Film		
	Cast Film		
	Film		
	Food Packaging		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183/D
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	450	MPa	ISO 527-2/1
Tensile Stress (Yield)	17.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	16	%	
Break	680	%	
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD			ASTM D882
Yield	18.0	MPa	
Break	40.0	MPa	
Tensile Elongation - MD (Break)	730	%	ASTM D882
Seal Initiation Temperature	115	°C	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	12	kJ/m <sup>2</sup>	ISO 179

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