

# RAVAPURA® C7010

Recycled polyethylene resin

## OVERVIEW

<b>Description</b>	LDPE compound based on post-consumer recycled (PCR) material
<b>Applications</b>	Blown film
<b>Additives</b>	Available with & without slip and anti-block added
<b>PCR/virgin content</b>	70% PCR / 30% virgin
<b>Virgin polymer</b>	LLDPE
<b>Certification</b>	Declaration available upon request
<b>Visual</b>	Natural, translucent
<b>Gel content</b>	Low

## PHYSICAL PROPERTIES

	Nominal Value (SI)	Unit	Test Method
<b>MFI (190°C / 2.16 kg)</b>	1,0	g/10 min	ISO 1133
<b>Density</b>	0,923	g/cm <sup>3</sup>	ISO 1183
<b>Ash content</b>	<1	%	ISO 3451 600°C

## MECHANICAL PROPERTIES\*

	Nominal Value (SI)	Unit	Test Method
<b>Tensile strength at break MD/TD</b>	22 / 24	MPa	ISO 527-3
<b>Elongation at break MD/TD</b>	500 / 600	%	ISO 527-3
<b>Dart drop impact</b>	140	g	ISO 7765-1
<b>Elmendorf tear strength (MD/TD)</b>	250 / 725	g	ISO 6383-2

\* Tested on a 50 µm blown film, fabrication conditions available upon request.

## EXTRUSION GUIDELINES

<b>Recommended settings</b>	Comparable processing to standard LDPE resins. Contact your local sales representative for specific advice.
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