

RAVAPURA® L7010

Recycled polyethylene resin

OVERVIEW

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

PHYSICAL PROPERTIES

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

MECHANICAL PROPERTIES*

	Nominal Value (SI)	Unit	Test Method
Tensile strength at break MD/TD	18 / 20	MPa	ISO 527-3
Elongation at break MD/TD	300 / 550	%	ISO 527-3
Dart drop impact	90	g	ISO 7765-1
Elmendorf tear strength (MD/TD)	100 / 450	g	ISO 6383-2

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

EXTRUSION GUIDELINES

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