

RAVAPURA® LC50

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	50% PCR / 50% virgin
Virgin polymer	LDPE/LLDPE
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)	0,7	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	20 / 22	MPa	ISO 527-3
Elongation at break MD/TD	450 / 600	%	ISO 527-3
Dart drop impact	120	g	ISO 7765-1
Elmendorf tear strength (MD/TD)	150 / 550	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.
-----------------------------	--