



Ravapura® LC50

Ravago Manufacturing Europe - Low Density Polyethylene

General Information

Product Description

Recycled polyethylene resin

General

Material Status	• Commercial: Active
Availability	• Europe
Recycled Content	• Post-Consumer (PCR), 50%
Features	• Low Density • Low Gel
Uses	• Blown Film
Appearance	• Natural Color • Translucent
Processing Method	• Film Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70	g/10 min	ISO 1133
Ash Content (600°C)	< 1.0	%	ISO 3451
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	µm	
Tensile Stress			ISO 527-3
MD : Break, 50 µm	20.0	MPa	
TD : Break, 50 µm	22.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break, 50 µm	450	%	
TD : Break, 50 µm	600	%	
Dart Drop Impact	120	g	ISO 7765-1
Elmendorf Tear Strength			ISO 6383-2
MD : 50 µm	150	N	
TD : 50 µm	550	N	

Notes

¹ Typical properties: these are not to be construed as specifications.