



Exelene® LLDPE

Product Data Sheet

Linear Low Density Polyethylene

Hexene Copolymer

Blown Film Extrusion

2601

Melt Flow Rate 2

Density 0.919

Applications

- Blown Film, retail and food packaging applications and other industrial applications
- Ideal material for blends with LDPE, thin gauge films as well as multilayer film applications

Characteristics

- The Exelene resin LLDPE 2601 meets the requirements of section 177.1520, paragraph C, from chapter 21 denominated "Olefin Polymers" from the Code of Federal Regulations of the FDA, to be utilized with direct food contact.

Grade	Additives Package
Exelene LLDPE 2601	Antioxidant, Slip Agent, Antiblock Agent, Processing Aid

Properties		ASTM Testing	Units	Values
Resin Properties				
Melt Flow Rate	MFI ₂	D 1238 (190°C; 2,16 kgf)	g/10 min	2
Density		D 792 (23°C)	g/cm ³	0.919
Blow Film Properties with thickness of 1,5 mils = 38,1 µm y BUR = 2,5				
Tensile Strength @ break ⁽¹⁾	MD	D 882A (20 in/min)	psi	6,000
	TD		psi	5,000
Elongation @ break	MD	D 882A (20 in/min)	%	500
	TD		%	800
Tear Strength	MD	D 1922	psi	290
	TD		psi	550
Impact Resistance by the Free Falling Dart Method		D 1709A (F50; 38 mm; 66 cm)	gf	100
Opacity		D 1003	%	7.0

(1) MD = Machine Direction and TD = Transversal Direction

