



# Exelene<sup>®</sup> 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
<b>Resin Properties</b>			
Melt Flow Rate	MFI <sub>2</sub> D 1238 (190°C; 2,16 kgf)	g/10 min	2
Density	D 792 (23°C)	g/cm <sup>3</sup>	0.919
<b>Blow Film Properties with thickness of 1,5 mils = 38,1 µm y BUR = 2,5</b>			
Tensile Strength @ break <sup>(1)</sup>	MD	D 882A (20 in/min)	psi
	TD		psi
Elongation @ break	MD	D 882A (20 in/min)	%
	TD		%
Tear Strength	MD	D 1922	psi
	TD		psi
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