



# Exelene® LLDPE

Product Data Sheet

**Linear Low Density Polyethylene  
Hexene Copolymer  
Blown and Cast Film Extrusion**

## 2600

Melt Flow Rate **2**

Density **0.919**

**Applications**

- Blown and Cast 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 2600 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 2600	No Adds.

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	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