



# Exelene<sup>®</sup> LDPE

## Product Data Sheet

**Low Density Polyethylene**  
**LDPE Medium Use - Medium Clarity**  
**Blow Film Extrusion**  
**Blow Molding - Extrusion**

# 2000

Melt Flow Rate **2.0**

Density **0.921**

### Applications

- Medium abuse Shrink Film
- Blow Molding - Extrusion of flexible bottles
- LDPE + EVA Foam and Reticulated laminates

### Characteristics

- The Exelene resin LDPE 2000 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.

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
Density		D 1505	g/cm <sup>3</sup>
			0.921
Tensile Strength @ break <sup>(1)</sup>	MD	D 638 (20 in/min)	psi
	TD		psi
Elongation @ yield		D 638 (50 in/min)	%
Flexural Strength	1% Secant Modulus	D 790	psi
	2% Secant Modulus		psi
Vicat Softening Point		D 1525	°C
Hardness, Shore D		D 2280	
Low Temperature Brittleness, F50		D 746	°C
Opacity / Haze		D1003	%

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