



Exelene[®] mLLDPE

Ficha Tecnica de Producto

Linear Low Density Polyethylene
Metallocene - Hexene Copolymer
Cast & Blown Film Extrusion

3900

Melt Index 3.5

Density 0.917

Applications

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

Characteristics

- The Exelene resin LLDPE 3900 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.

Propiedades		Ensayo ASTM	Unidades	Valores
Propiedades de la Resina				
Melt Index	MFI ₂	D 1238 (190°C; 2,16 kgf)	g/10 min	3.5
Density		D 792 (23°C)	g/cm ³	0.917
additives	Antioxidante / Estabilizador Termico			
Blow Film Properties with thickness of 1.0 mils = 25.4microns				
Tensile Strenght @ Break (1)	MD	D 882A (20 in/min)	psi	10,000
	TD		psi	6,500
Elongation @ Break	MD	D 882A (20 in/min)	%	500
	TD		%	675
Secant Modulus	MD	D 882A (0,2 in/min; 1%)	psi	15,500
	TD		psi	17,500
Tear strenght	MD	D 1922 (1.600 gf)	gf	200
	TD		gf	500
Opacity		D 1003	%	2.4

(1) mLLDPE-hexeno - Polietileno Lineal de Baja Densidad polimerizado a partir del comonomero 1-hexeno en presencia de catalizador metalloceno

(2) MD = Direccion Maquina y TD = Direccion Transversal

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