

Exelene® LLDPE 2601

Linear Low Density Polyethylene

Montachem International, Inc.

Message:

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.

General Information	
Additive	Antiblock Antioxidant Processing Aid Slip
Features	Antiblocking Antioxidant Food Contact Acceptable Good Processability Low Density Slip
Uses	Food Packaging Food Service Applications Industrial Applications Multilayer Film Non-specific Food Applications
Agency Ratings	FDA 21 CFR 177.1520(c)
Processing Method	Blown Film Film Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.917	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	µm	
Tensile Strength ¹			ASTM D882A
MD : Break	41.4	MPa	

TD : Break	34.5	MPa	
Tensile Elongation ²			ASTM D882A
MD : Break	500	%	
TD : Break	800	%	
Dart Drop Impact ³ (38000 μm)	100	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	290	g	
TD	550	g	
Optical	Nominal Value	Unit	Test Method
Haze	7.0	%	ASTM D1003
NOTE			
1.	510 mm/min		
2.	510 mm/min		
3.	F50, 66 cm		

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