

Exelene® LDPE 6001

Low Density Polyethylene

Montachem International, Inc.

Message:

Applications:

Clothes Covers for Laundromats

Protective bags for bananas in plantations

Characteristics:

The Exelene resin LDPE 6001 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		
	Slip		
Features	Antiblocking		
	Antioxidant		
	Food Contact Acceptable		
	High Clarity		
	Low Density		
	Slip		
Uses	Bags		
	Food Packaging		
	Food Service Applications		
	Laundry Bags		
	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	0.921	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Flexural Strength ¹			ASTM D882
-- ²	152	MPa	
-- ³	138	MPa	
Films	Nominal Value	Unit	Test Method

Film Thickness - Tested	38	μm	
Tensile Strength ⁴			ASTM D882A
MD : Break	20.7	MPa	
TD : Break	15.2	MPa	
Tensile Elongation ⁵			ASTM D882A
MD : Break	250	%	
TD : Break	600	%	
Dart Drop Impact ⁶ (38000 μm)	95	g	ASTM D1709A
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	110	°C	DSC
NOTE			
1.	5.1 mm/min		
2.	TD, 1% secant		
3.	MD, 1% secant		
4.	510 mm/min		
5.	510 mm/min		
6.	F50, 66 cm		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

