

Braskem PE SLL318

Linear Low Density Polyethylene

Braskem

Message:

SLL318 is a Linear Low Density Polyethylene, copolymer of butene-1. Developed for cast film extrusion. Films obtained with this product show good mechanical properties and enhanced sealability. It contains antioxidant additives. The minimum biobased content of this grade is 87%, determined according to ASTM D6866.

Applications:

Stretch films; liners; LDPE and HDPE blends and packages for general use; blends for irrigation pipes; insulation for low and medium tension XLPE wires and cables.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	BPA Free		
	Butene Comonomer		
	Copolymer		
	Food Contact Acceptable		
	Good Heat Seal		
	Good Processability		
Uses	Renewable Resource Content		
	Blending		
	Cast Film		
	Film		
	Packaging		
	Piping		
	Stretch Wrap		
Agency Ratings	Wire & Cable Applications		
	ASTM D 6866		
Processing Method	FDA 21 CFR 177.1520		
	Cast Film		
Physical	Film Extrusion		
	Nominal Value		
Density	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.7	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	µm	

Tensile Strength			ASTM D882
MD : Break, 38 µm,Cast Film	30.0	MPa	
TD : Break, 38 µm,Cast Film	30.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 38 µm,Cast Film	1200	%	
TD : Break, 38 µm,Cast Film	1400	%	
Flexural Modulus			ASTM D882
1% Secant, MD : 38 µm, Cast Film	180	MPa	
1% Secant, TD : 38 µm, Cast Film	200	MPa	
Dart Drop Impact (38 µm, Cast Film)	90	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 38 µm, Cast Film	120	g	
TD : 38 µm, Cast Film	340	g	
Additional Information	Nominal Value	Unit	Test Method
Biobased Content	> 87	%	ASTM D6866
Extrusion	Nominal Value	Unit	
Melt Temperature	170 to 210	°C	

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

