Braskem PE SLH118

Linear Low Density Polyethylene

Braskem

Message:

Description:
SLH118 is a Linear Low Density Polyethylene, copolymer of hexene-1. Developed for blown film extrusion in blends with polyethylenes. Films obtained with this product show a good processing performance balanced with good optical and mechanical properties as well as sealability. Very low gel amount. It contains antioxidant additives.
The minimum biobased content of this grade is 84%, determined according to ASTM D6866.
Applications:
Stretch films; liners; LDPE and HDPE blends and packages for general use. Others applications: blends for irrigation pipes.
Process:
Recommended processing conditions for film extrusion about 170 - 210 °C. The optimum processing conditions will vary according to the type of equipment used and cannot be considered as performance guarantee.

General Information			
Additive	Antioxidation		
Features	Low speed solidification crystal point Antioxidation Updatable resources Compliance of Food Exposure		
Uses	Films Mixing General		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow film		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.916	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength			ASTM D882
MD: Fracture, 38 µm	40.0	MPa	ASTM D882
TD: Fracture, 38 µm	40.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture, 38 µm	1100	%	ASTM D882
TD: Fracture, 38 µm	1400	%	ASTM D882
Flexural Modulus			ASTM D790
1% Secant, MD : 38 µm	200	MPa	ASTM D790
1% Secant, TD : 38 µm	210	MPa	ASTM D790
Dart Drop Impact [1]	150	g	ASTM D1709

Elmendorf Tear Strength			ASTM D1922
MD : 38 μm	300	g	ASTM D1922
TD : 38 μm	510	g	ASTM D1922
Additional Information	Nominal Value	Unit	Test Method
Biobased Content	> 84	%	ASTM D6866
NOTE			
1.	F50		

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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