

Braskem PE LL6901S

Linear Low Density Polyethylene

Braskem

Message:

LL6901S is a LLDPE Butene copolymer produced by Braskem. It is a ready to use product since it's been compounded with 15% LDPE. It is a general purpose product that shows a good processing performance balanced with good optical and mechanical properties as well as sealability. Very low gel contained.

General Information			
Additive	Medium Antiblock		
	Medium Slip		
	Processing Aid		
Features	Butene Comonomer		
	Copolymer		
	General Purpose		
	Good Heat Seal		
	Good Processability		
	Low Gel		
	Medium Antiblocking		
	Medium Slip		
	Opticals		
Uses	Blending		
	General Purpose		
	Liners		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.68	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	µm	ASTM D882
Tensile Strength			
MD : Break, 38 µm,Blown Film	40.0	MPa	
TD : Break, 38 µm,Blown Film	30.0	MPa	ASTM D882
Tensile Elongation			
MD : Break, 38 µm,Blown Film	930	%	

TD : Break, 38 µm,Blown Film	1200	%	
Flexural Modulus			ASTM D790
1% Secant, MD : 38 µm, Blown Film	160	MPa	
1% Secant, TD : 38 µm, Blown Film	170	MPa	
Dart Drop Impact (38 µm, Blown Film)	90	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 38 µm, Blown Film	60	g	
TD : 38 µm, Blown Film	520	g	
Optical	Nominal Value	Unit	Test Method
Gloss (60°, 38.0 µm, Blown Film)	127		ASTM D2457
Haze (38.0 µm, Blown Film)	7.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	180 to 210	°C	

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