

# SureSpec LLC6-010

Linear Low Density Polyethylene

Genesis Polymers

## Message:

LLC6-010 is a certified prime grade resin designed for production of blown films used in general purpose packaging. LLC6-010 features a combination of easy process ability, good film strength, broad heat sealing temperature range and includes full additives. Applications include shipping sacks, ice bags, stretch films & liners.

### AVAILABLE ADDITIVES

B = Barefoot

A = 0 Slip/ High Antiblock

F = Full Additives

General Information			
Features	Good Processability		
	Good Strength		
	Low Density		
Uses	Bags		
	Blown Film		
	Liners		
	Packaging		
	Stretch Wrap		
Forms	Pellets		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	ASTM D882
Secant Modulus			
1% Secant, MD : 25 µm	197	MPa	
1% Secant, TD : 25 µm	234	MPa	ASTM D882
Tensile Strength			
MD : Yield,25 µm	8.96	MPa	
TD : Yield,25 µm	9.65	MPa	
MD : Break, 25 µm	33.1	MPa	
TD : Break, 25 µm	24.1	MPa	
Tensile Elongation			ASTM D882
MD : Break, 25 µm	520	%	
TD : Break, 25 µm	800	%	

Dart Drop Impact <sup>1</sup> (25 µm)	160	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD : 25 µm	400	g	
TD : 25 µm	630	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 25.4 µm, Blown Film)	55		ASTM D2457
Haze (25.4 µm, Blown Film)	14	%	ASTM D1003
NOTE			
1.	F50		

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#### Recommended distributors for this material

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