

# SureSpec LLC4-010

Linear Low Density Polyethylene

Genesis Polymers

## Message:

LLC4-010 is a Butene-comonomer certified prime resin designed for Blown films for general purpose packaging. LLC4-010 features a wide heat sealing temperature range easy processability and good film strength as well as wide heat sealing temperature range. LLC4-010 complies with FDA regulation 21CFR 177.1520(c) 3.1a, and with most international regulations concerning the use of Polyethylene in contact with food articles. LLC4-010 contains no slip and no antiblock.

Also Available in:

B = Barefoot

A= 0 Slip / High Anti Block (0/6500)

F = Full Adds (1500/6500)

General Information			
Features	Butene Comonomer		
	Food Contact Acceptable		
	Good Processability		
	Good Strength		
	Low Density		
Uses	Blown Film		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1a		
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	
Secant Modulus - 1% Secant, MD (25 µm)	193	MPa	ASTM D882
Tensile Strength - MD			ASTM D882
Yield,25 µm <sup>1</sup>	11.0	MPa	
Break, 25 µm	31.0	MPa	
Tensile Elongation - MD (Break, 25 µm)	550	%	ASTM D882
Dart Drop Impact <sup>2</sup> (25 µm)	90	g	ASTM D1709A
Elmendorf Tear Strength - MD (25 µm)	100	g	ASTM D1922
NOTE			
1.	1.3 mm/min		
2.	F50		

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