

SureSpec LD20-004

Low Density Polyethylene

Genesis Polymers

Message:

LD20-004 is a certified prime resin designed for Blown films requiring good strength, excellent shrink, and good optics and abrasion resistance. It features easy processability with a minimum recommended film thickness of 2 mils. LD20-004 contains no slip and a medium level of antiblock. LD20-004 complies with FDA regulation 21CFR 177.1520(c) 2.2, conditions of use B-H.

General Information			
Additive	Medium Antiblock		
Features	Food Contact Acceptable		
	Good Abrasion Resistance		
	Good Processability		
	Good Strength		
	Low Density		
	Medium Antiblocking		
	Opticals		
Uses	Blown Film		
Agency Ratings	FDA 21 CFR 177.1520(c) 2.2 2		
Forms	Pellets		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	0.922	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.40	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	µm	
Dart Drop Impact (50 µm)	220	g	ASTM D1709A
Elmendorf Tear Strength - MD (50 µm)	110	g	ASTM D1922
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	98.0	°C	ASTM D1525
Peak Melting Temperature	111	°C	ASTM D3418

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Recommended distributors for this material

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