

PrimaFlex® LD 21002

Low Density Polyethylene

Plastic Solutions, Inc.

Message:

Description: LD 21002 is a LDPE formulation suggested for film applications requiring, impact strength, easy processability and a wide heat-sealing range. This resin complies with 21 CFR 177.1520.

Applications: Industrial packaging / liners / blends with LLDPE / foam applications

General Information			
Features	Broad Seal Range		
	Foamable		
	Good Heat Seal		
	Good Impact Resistance		
	Good Processability		
Uses	Blending		
	Film		
	Foam		
	Liners		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.3	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	172	MPa	
1% Secant, TD	190	MPa	
Tensile Strength			ASTM D882
MD : Break	22.0	MPa	
TD : Break	17.9	MPa	
Tensile Elongation			ASTM D882
MD : Break	250	%	
TD : Break	550	%	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	37		ASTM D2457
Haze	15	%	ASTM D1003

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

