

Prixene® EL020E20

Linear Low Density Polyethylene

POLYMAT

Message:

Prixene® EL020E20 is a Linear Low Density Polyethylene grades suitable for general purpose packaging. They are easy to process giving good tensile properties, impact strength and optical properties. Typical applications are lamination film, thin liners, shopping bags, carrier bags, garbage bags, coextruded films, consumer packaging etc.

The Features presented are excellent processability, good film strength, high slipping, good thermo sealing and high- blocking.

The product form is in pellets. LLDPE for blow film. The material contains additives. The material complies with FDA regulation title 21.CFR177.1520 (. C) 3.1a

General Information	
Additive	Unspecified Additive
Features	Good Heat Seal
	Good Impact Resistance
	Good Processability
	Good Strength
	Low Density
	Opticals
Uses	Bags
	Film
	General Purpose
	Packaging
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1a
Forms	Pellets
Processing Method	Blow Molding
	Film Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD : 25 µm	179	MPa	
1% Secant, TD : 25 µm	193	MPa	
Tensile Strength			ASTM D882
MD : Yield,25 µm	8.27	MPa	
TD : Yield,25 µm	8.27	MPa	
MD : Break, 25 µm	36.5	MPa	

TD : Break, 25 µm	26.2	MPa	
Tensile Elongation			ASTM D882
MD : Break, 25 µm	650	%	
TD : Break, 25 µm	780	%	
Dart Drop Impact (25 µm)	70	g	ASTM D1709A
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 25.4 µm, Blown Film)	22		ASTM D2457
Haze (25.4 µm)	29	%	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

