

Prixene® EB020E20

Low Density Polyethylene

POLYMAT

Message:

Prixene® EB020E20 is a Low Density Polyethylene grade without slip and anti-block additives. It typically exhibits better draw down ability with high output. Films typically exhibit good optics and good heat seal properties. Typical applications are bags and pouches, general purpose film. This product is not intended for use in medical and pharmaceutical applications.

The features presented are good processability, low density and may be in contact with food.

The product form is in pellets and the process used is for film extrusion. The material does not contain antiblok additives and sliding. The material complies with FDA regulation title 21.CFR177.1520 (. C) 2.1 and (. C) 2.2

General Information			
Features	Food Contact Acceptable		
	Good Heat Seal		
	Good Processability		
	Low Density		
	Opticals		
Uses	Bags		
	Film		
Agency Ratings	FDA 21 CFR 177.1520(c) 2.1		
	FDA 21 CFR 177.1520(c) 2.2		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.919	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 : 38 µm	175	MPa	
1% Secant, TD : 38 µm	205	MPa	
Tensile Strength			ASTM D882
MD : Yield,38 µm	10.0	MPa	
TD : Yield,38 µm	10.0	MPa	
MD : Break, 38 µm	25.0	MPa	
TD : Break, 38 µm	19.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 38 µm	350	%	
TD : Break, 38 µm	600	%	

Dart Drop Impact (38 μm)	85	g	ASTM D1709A
Optical	Nominal Value	Unit	Test Method
Gloss (60°, 38.1 μm)	70		ASTM D2457
Haze (38.1 μm)	5.0	%	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

