

Prixene® EB020E20C

Low Density Polyethylene

POLYMAT

Message:

Prixene® EB020E20C is a Low Density Polyethylene grade formulated with slip and anti-block additives. It typically exhibits better draw down ability with high output. Films typically have good optics with low friction and low blocking. Typical applications are thin shrink film, lamination film, packaging films for food and industrial goods, bags and pouches. It also enables high speed converting without sticking.

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 for film extrusion. The material contains antiblock additives and sliding. The material complies with FDA regulation title 21.CFR177.1520 (. C) 2.1 and (. C) 2.2

General Information			
Additive	Antiblock		
	Slip		
Features	Food Contact Acceptable		
	Good Drawdown		
	Good Processability		
	Low Density		
Uses	Bags		
	Film		
	Food Packaging		
	Packaging		
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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

