

BASF Ecoflex® F BX 7011 Biodegradable Plastic

Category : Polymer , Film , Renewable/Recycled Polymer

Material Notes:

A flexible plastic designed for film extrusion and extrusion coating. Ecoflex F BX 7011 comes closer than any other biodegradable plastic to the processing properties of LDPE and LLDPE. Blown film extrusion is a particular area where Ecoflex F shows well-balanced processing properties, and the resin can also be used in extrusion coating applications.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ecoflex-F-BX-7011-Biodegradable-Plastic.php

Physical Properties	Metric	English	Comments
Density	1.25 - 1.27 g/cc	0.0452 - 0.0459 lb/in ³	ISO 1183
Moisture Vapor Transmission	140 cc-mm/m ² -24hr-atm	356 cc-mil/100 in ² -24hr-atm	100% RH; ASTM Test
Oxygen Transmission Rate	1600 cc/m ² /day	103 cc/100 in ² /day	0% RH; ASTM Test
Melt Flow	2.7 - 4.9 g/10 min @Load 2.16 kg, Temperature 190 °C	2.7 - 4.9 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Film Elongation at Yield, MD	560 %	560 %	ASTM Data
Film Elongation at Yield, TD	700 %	700 %	ASTM Data

Thermal Properties	Metric	English	Comments
Melting Point	110 - 120 °C	230 - 248 °F	10 K/min

Optical Properties	Metric	English	Comments
Transmission, Visible	82 %	82 %	

Descriptive Properties	Value	Comments
Color	Transparent	
Commercial Status	North America and Europe	
Impact Modified	No	
Primary Processing Technique	Blown Film	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China