



B26E730

Product Technical Information

Polyethylene EBA Copolymer for Blown film

Benefits & Features

B26E730 is an Ethylene Butyl Acrylate (EBA) copolymer, containing 11% butyl acrylate.

Applications

B26E730 has been developed to give a very strong and tough film with excellent cold and outdoor properties for applications such as

- Stretch hoods
- Construction film
- Heavy-duty bags

Properties	Conditions	Test Methods	Values	Units
Physical				
Melt Flow Rate	190°C/2.16Kg	ISO 1133-1	0.60	g/10min
Density		ISO 1183-1	925	kg/m ³
Butyl Acrylate content		INEOS Test Method	11	%
Mechanical*				
Tensile Stress at Break	MD/TD ¹	ISO 1184	27/24	MPa
Elongation at Break	MD/TD	ISO 1184	500/620	%
Dart drop	Method A	ASTM D 1709	600	g
Optical*				
Gloss (45°)	45°	ASTM D 2457	20	%
Haze		ASTM D 1003	28	%
Data should not be used for specification work				

* Film properties are measured on a 60µm film sample produced at BUR=2.5:1

Processing guidelines

Recommended melt temperature range is 180°C. Processing characteristics of B26E730 are similar to LDPE and conventional polyethylene extruders are recommended.

Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration. It is advised to process the product within maximum one year after delivery.