



# B24D760

## Product Technical Information

Polyethylene EBA Copolymer for Blown film

**B24D760** is an Ethylene Butyle Acrylate (EBA) copolymer, containing 3% butyl acrylate..

## Applications

B24D760 is developed to give a very clear and strong film with excellent cold and outdoor properties for applications such as

- Shrink film
- Silage film
- Heavy-duty bags

The material has very good sealing properties

Properties	Test Method	Value	Units
<b>Physical</b>			
Melt flow rate (190°C/2.16 kg)	ISO 1133	0.3	g/10 min
Density	ISO 1183	924	kg/m <sup>3</sup>
Butyl Acrylate content	INEOS method	3	%
Other additive: antioxidant			
<b>Film*</b>			
Tensile stress	MD/TD	ISO 1184	25/25
Strain @ break	MD/TD	ISO 1184	500/700
Gloss (45°)		ASTM D 2457	70
Haze		ASTM D 1003	10
Dart drop		ASTM D 1709	600

- Data should not used for specification work

\* Film properties are measured on a 125µm film sample produced on a 60mm W&H extruder with IBC cooling at BUR=2.5 MD = machine direction, TD = transverse direction

## Storage and Handling

B24D760 should be stored in dry conditions at temperatures below 50°C and protected from UV-light. Improper storage can initiate degradation which results in odour generation and colour changes, and can have negative effects on the physical properties of the product.

## Processing guidelines

Recommended melt temperature range is 180°C. Processing characteristics of B24D760 are similar to LDPE and conventional polyethylene extruders are recommended.