



B24D760

Product Technical Information

Polyethylene EBA Copolymer for Blown film

B24D760 is an Ethylene Butyl 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
Physical				
Melt flow rate (190°C/2.16 kg)		ISO 1133	0.3	g/10 min
Density		ISO 1183	924	kg/m ³
Butyl Acrylate content		INEOS method	3	%
Other additive: antioxidant				
Film*				
Tensile stress	MD/TD	ISO 1184	25/25	MPa
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	g

- 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



B24D760

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.

Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, send an email to psnohreg@ineos.com.

Unless specifically indicated, the products mentioned herein are not suitable for applications in the medical or pharmaceutical sector.

Health and Safety Information

The product described herein may require precautions in handling. The available product health and safety information for this material is contained in the Material Safety Data Sheet (MSDS) that may be obtained from the website www.ineospolyolefins.com. Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

Exclusion of Liability

Although INEOS O&P Europe endeavours to ensure that all information and advice relating to our materials or other materials howsoever provided to you by INEOS O&P Europe is accurate and up to date, no representation or warranty, express or implied is made by INEOS O&P Europe as to its accuracy or completeness. All such information and advice is provided in good faith and INEOS O&P Europe is not, to the maximum extent permitted by law, liable for any action you may take as a result of relying on such information or advice or for any loss or damage, including any consequential loss, suffered by you as a result of taking such action.

In addition data and numerical results howsoever provided to you by INEOS O&P Europe are given in good faith and are general in nature. Data and numerical results are not and shall not be regarded as specifications and as such INEOS O&P Europe is not, to the maximum extent permitted by law, liable for any action that you take as a result of relying on such data and results or for any loss or damage, including any consequential loss, suffered by you as a result of taking such action.

It remains at all times your responsibility to ensure that INEOS O&P Europe materials are suitable for the particular purpose intended and INEOS O&P Europe shall not be responsible for any loss or damage caused by misuse of INEOS O&P Europe products. To the maximum extent permitted by law, INEOS O&P Europe accepts no liability whatsoever arising out of the application, adaptation or processing of the products described herein, the use of other materials in lieu of INEOS O&P Europe materials or the use of INEOS O&P Europe materials in conjunction with such other materials.