

INNOVATION FOR TODAY

Home compostable packaging for a sustainable future



Home Compostable Monoweb PE produced from sustainable bio based resins, designed to run and perform on a wide range of form fill and seal packing lines.



Sustainable



Worm Friendly



Transparent

Product Information

Biyo is a mono-layer film with a high tear strength and good puncture resistance which makes it suitable for food applications. The material is certified home compostable and heat sealable.

Developed and produced in the UK the material is operator and machine friendly and performs very well on a wide range of flow wrap and form, fill and seal lines. Exhibiting a wide operating window the film requires minimal line adjustments. Designed for foods with short shelf life the film has good optical properties so that the product packed inside is visible.

Typical Values (based on 30μ)				
Test	Standard	Unit	Value	
Elongation at break MD	23°C, 50%RH	ASTM D 882	%	580
Elongation at break TD	23°C, 50%RH	ASTM D 882	%	600
Seal Strength	Internal	N/15mm		6
CoF	ASTM D1894			0.2
Tensile Strength MD	ASTM D 882	N/m ²		20
Tensile Strength TD	ASTM D 882	N/m ³		17
WVTR	38°C, 90%RH	ASTM F 1249	g/m ² /d	500
OTR	38°C, 90%RH	ASTM F 1927	cc/m ² /d	>160

Legislation

Roberts Mart's films are manufactured from raw materials which meet the compositional requirements of Reg. 10/2011, relating to materials intended to come into contact with foodstuffs. They also meet the heavy metal limits imposed by 94/62/EC, the Packaging Waste (Essential Requirements) Directive. For further information, please contact your Roberts Mart representative.

Recommended Storage Conditions

Temp. 15-25°C, RH 30-60%. Avoid extremes of heat and cold, keep away from sources of moisture, direct sunlight and strong odours. The material must be stored in original wrapping for as long as possible, and remaining reels re-wrapped. The material must be acclimatised in production premises for 24 hours before use. Oldest material to be used first. It is recommended to use the material within twelve months, as exposure to light and air may change the properties of the material over time.

The figures and the data provided in this data sheet are consistent with the current state of our knowledge, and are intended to provide general information on our products and their applications. They do not constitute a guarantee or specification of any product attributes or the suitability of products for specific applications. Any existing rights or patents must be observed.

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