

Optimized for performance, **Twistable MDO** provides a sustainable and competitive packaging alternative. It offers excellent **shape retention** through high dead-fold capability and features a smooth, glossy surface for enhanced shelf appeal. Ideal for confectionery and twist-wrap applications.

In accordance with the upcoming Packaging and Packaging Waste Regulation (PPWR), we are pleased to confirm our capability to produce PFAS/NIA compliant PPA materials utilizing Twistable MDO-PE technology. These solutions are engineered to ensure your packaging remains fully compliant with evolving European standards.

Technical Specification TPE-HM

Descripton

- Machine Direction Oriented PE film
- Designed and formulated to replace PET
- 100 % Recycle opportunity when laminated with PE or PP
- Contributes to circular economy and sustainability
- Twistable MDO
- High Modulus

Certification

All films are produced in ISO 9001, ISO14001, BRCGS Packaging Materials certified facilities.

Features and Applications

- Suitable for printing and lamination process
- Improved heat resistance
- Improved gloss
- Improved stiffness
- %100 recyclable
- High modulus

Product and Food Safety

For more information please request Material Safety Data Sheet (MSDS).

Shelf Life And Storage

The shelf life of the product is 6 months after production if it is stored in dry conditions, away from exposure to direct sunlight and at normal room conditions.

Properties

Parameter	Unit		Value	Test Method
Thickness	micron		25	BAREKS TEST
	gauge		100	
Density	g/cm ³		0,940	BAREKS TEST
Yield	m ² /kg		42,55	BAREKS TEST
CoF	ln / ln		≥ 0,25	ASTM D1894
Tensile Strenght	MD	N /25 mm	± 6	ASTM D882
	TD		± 6	
Elongation at Break	MD	mm	± 30	ASTM D882
Gloss	≥%		113	ASTM D2457
Haze	≤%		11	ASTM D1003
Clarity	≥%		85	
Transmittance	≥%		85	

The above information is the result of laboratory tests, which are applied on samples from standard production. Since the varying conditions under which our products used are beyond our control, all of the above results are without guarantee and warranty. Users are advised to conduct their own testing of our products to determine suitability for use alone or in combination with other products.