PEMBAFLEX
FLEXIBLE PACKAGING MADE EASY

+27 (0)79 590 7376
gordon@pembaflex.co.za
www.pembaflex.co.za

TECHNICAL PROPERTIES

PEMBAFLEX
LAMIFLEX™ STANDARD

Standard Lamination

General-Purpose Polyethylene Lamination Film



PembaFlex LamiFlex™ Standard is a polyethylene lamination film designed for general-purpose flexible packaging structures where a balanced combination of mechanical strength, flexibility, heat-sealing performance and film processability is required.

The film is designed to provide reliable handling during printing, lamination and downstream converting while providing suitable sealing and mechanical performance within the final laminated structure.

PRODUCT APPLICATIONS

- General flexible packaging
- Food packaging
- Consumer packaging
- Retail packaging
- Industrial packaging
- Laminated bags
- Pouches
- Sachets
- Printed packaging
- Heat-sealable laminated structures
- Secondary packaging
- Product protection
- General-purpose laminated structures

FILM PROPERTIES

- Balanced mechanical performance
- Good flexibility
- Good tensile strength
- Good elongation
- Good tear resistance
- Good puncture resistance
- Good heat-sealing characteristics
- Good seal strength
- Suitable for lamination
- Suitable for printing
- Good film handling
- Slip and anti-block options
- Surface treatment available
- Application-specific thickness and width
- Suitable for 3-layer co-extruded structures

TECHNICAL DATA SHEET

PROPERTY	TESTING METHOD	SPECIFICATION
Thickness	ASTM D6988	30–150 µm
Haze	ASTM D1003	≤20%
Width	Internal Measurement	200–1,250 mm
Tensile @ Break	ASTM D882	≥20 MPa
Elongation @ Break	ASTM D882	≥400%
Dart Drop Impact	ASTM D1709	≥150 g
Tear – MD	ASTM D1922	Application dependent
Tear – TD	ASTM D1922	Application dependent
C.O.F.	ASTM D1894	0.20–0.40
Seal Strength	ASTM F88/F88M	≥10 N/25 mm*
Lamination Bond / Ply Adhesion	ASTM F904	Application dependent*
Gloss	ASTM D2457	≥50 GU
Surface Treatment	ASTM D5946, where applicable	Application dependent

* Working target values subject to PembaFlex validation.

DISCLAIMER

The values stated are **working product specification/target values** and are not certified PembaFlex laboratory results.

Actual performance may vary according to resin formulation, layer structure, thickness, additives, surface treatment, substrate, adhesive system, processing conditions and end-use application.

Final resin grades, formulations, layer allocation, approved gauges and product-specific test results must be confirmed against the approved PembaFlex product specification before final technical release.