

TOPLEX LB AL 45

DATA SHEET



AWARD WINNING FAMILY RUN BUSINESS
EST. 1997

Product Definition

Low Barrier Lidding Film for Uncoated Aluminum Trays

Special Features

- Hard -peel to uncoated Aluminum trays
- Good clarity and gloss
- Suitable for frozen food packaging

Properties	ASTM	Units	Typical Values	Tolerance	
Thickness		μ (mil)	45 (1.8)	±8%	
Yield		m ² /Kg (msi/Lb)	19.2 (13.4)	±8%	
Haze	D-1003	%	13	±10%	
Clarity	D-1746	%	80	±10%	
C.O.F (in-in) Static - Dynamic	D-1894		≤ 0.5- 0.5		
Mechanical					
Tensile Strength	MD	D-882	N /mm ² (psi)	51 (7,395)	±15%
	TD			55 (7,975)	±15%
Tensile Load	MD	D-882	N	56	±15%
	TD			61	±15%
Elongation	MD	D-882	%	108	±15%
	TD			97	±15%
Impact Spencer	D-3420	g	2,048	±15%	
Puncture Energy	Plastopil Method	Nmm	135	±15%	
Barrier					
OTR (Oxygen) 23°C (73°F), dry	D-3985	cc/m ² /day (cc/100 in ² /day)	≤ 125 (≤ 8.1)		
WVTR (water vapour) 38°C (100°F), 90% rh	E-96	g/m ² /day (g/100 in ² /day)	≤ 11 (≤ 0.72)		

Processing & Storage

- Sealing temperature of 180°C-230°C (356°F-446°F)
- Recommended storage conditions: 15°C-25°C (59°F-77°F) in a dry place, away from direct sunlight.
- Maximum storage time from point of unloading of goods to be 12 months, if stored as recommended.

*Some values may change.

Note: Film complies with FDA & EC relevant regulations – food grade film. The information contained herein is to the best of our accurate knowledge, but since the circumstances in which it may be used are beyond our control, we do not accept the liability for any loss or damage that may occur. The values indicated in the table only describe typical properties, but do not constitute specification limits. It is the customer responsibility to ensure that the product is suitable for its own particular purpose.

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