

TRANS-SEALING® PLFLIDBAF-F

FEATURES

TRANSPARENT, HIGH BARRIER, biaxially oriented polyester film, HEAT SEALABLE - PEELABLE and ANTIFOG on one side with CORONA treatment on the opposite side.

- Transparent, with excellent thermal and mechanical stability, barrier to gas, water vapor, and aroma
- High performance in converting processes: lamination, printing, and metallization
- CORONA treated side provides enhanced adhesion to inks (rotogravure and flexography), adhesives, and varnishes
- Wide sealing temperature range without deformation: 140 to 410°F
- The food can withstand freezing temperatures down to -40°F.
- The antifog treatment minimizes fogging in hot, and cold applications
- Trans-Sealing® PLFLIDBAF-F complies with international regulations for food contact. Specific documents are available upon request

APPLICATIONS

Can be used as monolayer or laminated suitable for a high barrier lidding for products with modified atmosphere. Easy open lidding that requires anti fog properties. Seals to itself, PP, HDPE, PS, HIPS, APET, CPET, modified CPET, PETG, rPET, PVC, PC, PLA, PET coated paperboard trays or containers, bottles, and jars.

TECHNICAL PROPERTIES (TYPICAL VALUES)

PROPERTIES		TEST CONDITIONS	UNIT	TYPICAL VALUES
THICKNESS		ASTM E 252	Gauge	120
YIELD		ASTM D 646	Sq.in./lb.	17,100
TENSILE STRENGTH AT BREAK	MD	ASTM D 882	kpsi	27
	TD			28
ELONGATION AT BREAK	MD	ASTM D 882	%	120
	TD			100
INITIAL MODULUS	MD	ASTM D 882	kpsi	610
	TD			680
HAZE		ASTM D 1003	%	15
SHRINKAGE	MD	300°F /30 min.	%	1.5
	TD			0
COEFFICIENT OF FRICTION (SIDE A X SIDE B)	STATIC	ASTM D 1894	-	0.4
	DYNAMIC			0.3
WATER VAPOR TRANSMISSION RATE		ASTM F 1249 100°F - 90% RH	g/100in ² 24 hrs.	0.25
OXYGEN TRANSMISSION RATE		ASTM F 1927 75°C - 85% RH	cc/100in ² 24 hrs.	0.25
HEAT SEAL STRENGTH (SEALABLE SIDE X SEALABLE SIDE)		Film/Film @ 230°F; 33 psi, 1 sec	gf/in	1500

DEVELOPMENT PRODUCT - PRELIMINARY TECHNICAL DATA

The information and suggestions contained herein represent the best information available to Transcendia, Inc and we believe them to be reliable. They should not, however, be construed as controlling and are presented without guarantee of performance either express or implied. We urge purchasers to conduct confirmatory tests to determine final suitability for their specific end uses. No statement with respect to use is intended as a positive recommendation for such use and no warranty with respect to infringement of patents held by others is made or intended.

CORPORATE HEADQUARTERS 9201 W. Belmont Avenue | Franklin Park, IL 60131

Revision Date: 04/13/20

USA 847.678.1800 main | 847.233.0199 fax

CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax

TRANSCENDIA.COM

Top AIB Rated Facilities | ISO: 9001 Certified Facilities

©2020 Transcendia Inc.