

PL63T BIAXIALY ORIENTED POLYESTER (BOPET) FILM

DESCRIPTION

PL63T is a transparent, biaxially oriented polyester (BOPET) film that is heat-sealable and peelable on one side and corona treated on the opposite side. Typical applications include lidding for trays or cap liners with easy open properties. Application examples: Ready meals, salads, snacks, fruits, etc.

CHARACTERISTICS

- Transparent with excellent thermal and mechanical stability, barrier to gas, water vapor and aroma
- Corona treated side provides enhanced adhesion to inks (rotogravure and flexography), adhesives and varnishes
- Wide sealing temperature range without deformation: 176°F to 410°F
- Film can withstand freezing temperatures down to -40°F and is dual ovenable up to 410°F with self-venting. Film begins to deform at higher temperatures.
- Seals and opens easily to itself, APET, mono CPET, APET/CPET, modified CPET, PETG, rPET, PVC, PC, PLA, PET coated paperboard trays or containers, bottles and jars
- Complies with international regulations for food contact. Specific documents are available upon request

TECHNICAL DATA

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES				TEST METHOD
Thickness	Gauge	53	80	100	144	-
Yield	in ² /lbs	37,200	25,100	20,100	14,000	-
Tensile Strength MD	kpsi	28				ASTM D 882
Tensile Strength TD	kpsi	31				ASTM D 882
Elongation at Break MD	%	120	120	120	140	ASTM D 882
Elongation at Break TD	%	100	100	100	110	ASTM D 882
Initial Modulus MD	kpsi	680				ASTM D 882
Initial Modulus TD	kpsi	640	640	640	570	ASTM D 882
Haze	%	10	12	14	15	ASTM D 1003
Shrinkage MD	%	1.5				300°F/30min
Shrinkage TD	%	0				300°F/30min
COF (Dynamic/Static)	-	0.3/0.4				ASTM D 1894
WVTR	g/100in ² - 24 hrs.	2.3	1.5	1.2	0.9	ASTM F 1249 100°F 90%RH
OTR	cc/100in ² - 24 hrs.	6.3	4.3	3.4	2.4	ASTM F 1927 75°F 85%RH
Surface Tension (Corona Side)	dyne/cm	56				ASTM D 2578
Heat Seal Strength	gf/in	450				230°F 33psi-1 sec

*All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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