

TRANSPET™ TF-F

DESCRIPTION:

TransPet TF-F is an uncoated clear polyester packaging film designed to be combined with a sealant layer, where the resulting structure will be shallow draw thermoformed.

CHARACTERISTICS:

- 50ga maximum draw depth of 1.125" where the draw ratio does not exceed 2.0
- 75ga maximum draw depth of 1.5" with a maximum draw ratio of 2.25

FDA STATUS:

Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES		TEST METHOD
Thickness	Gauge	50	75	-
Yield	in ² /lb	40,100	26,700	-
Tensile Strength MD	psi	22,000	22,000	ASTM D882A
Tensile Strength TD	psi	26,000	26,000	ASTM D882A
Tensile Modulus MD	psi	430,000	460,000	ASTM D882A
Tensile Modulus TD	psi	460,000	490,000	ASTM D882A
Modulus (Stiffness) MD	psi	430,000	460,000	ASTM D882
Modulus (Stiffness) TD	psi	460,000	490,000	ASTM D882
Elongation at Break MD	%	170	170	ASTM D882A
Elongation at Break TD	%	135	135	ASTM D882A
Tear (Graves)	lb	0.7	0.9	ASTM D1004
Haze	%	5	6	ASTM D1003
Clarity	%	71	70	ASTM D1746
Gloss 20 degrees	-	125	105	ASTM D2457
Gas Permeability – O ₂ , 24 hr	cc/100 in ²	9	7	ASTM D3985 22°C/75% RH/1 ATM
WVTR	g/100 in ² /day	2.8	1.9	ASTM F1249 38°C, 90% RH
Shrinkage MD (150°C)	%	2.8	2.8	Unrestrained @ 150°C/30 min
Shrinkage TD (150°C)	%	2.5	2.5	Unrestrained @ 150°C/30 min

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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