

TRANSPET™ B1X

DESCRIPTION:

TransPet B1X is a one side PVDC coated polyester film to improve barrier properties against oxygen, gas and water vapor. B1X has good barrier property, good dimensional stability and outstanding handling property. The coated surface can be easily printed with various kinds of inks and has a wide range of heat sealing temperatures.

FDA STATUS:

Compliant with the US Food and Drug Administration regulations under 21 CFR 177.1630, Sections (f).

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE	TEST METHOD
Thickness	Gauge	50	Transcendia Test
Yield (nominal)	in ² /lb.	40,176	Transcendia Test
Coefficient of Friction	Static	0.60	ASTM D1894
	Kinetic	0.45	
Tensile Strength MD	psi	34,000	ASTM D882A
Yield Strength (F5) MD	psi	40,000	ASTM D882A
Ultimate Elongation	%	100	ASTM D882A
Tear Strength MD	g/mil	20	ASTM D1922
Modulus	psi	600,000	ASTM D882A
MVT Rate	g/100 in ² ·24 hr	0.6	ASTM E 96
Total Haze	%	2.7	ASTM D1003
Heat Shrinkage MD	%	1.5	30 min at 150°C
Heat Shrinkage TD	%	0.5	30 min at 150°C
Surface Tension	Dyne	45	Internal Test

*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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