

## PROPERTIES OF BIO-FOIL

Film Properties	ASTM	Units	Typical Values	Typical Values	Typical Values	Typical Values
<b>Film</b>			<b>3120BD</b>	<b>3130BD</b>	<b>3140BD</b>	<b>3150BD</b>
Yield		in <sup>2</sup> /lb	14,700	9800	7300	5900
Thickness		mils	2.0	3.0	4.0	5.0
Dart Impact	D-1709	grams	350	450	600	750
Tensile Strength MD TD	D-882A	psi psi	4000 4500	4000 4500	4000 4500	4000 4500
Elongation MD TD	D-882A	% %	550 575	550 575	550 575	550 575
Elmendorf Tear MD TD	D-1922	grams grams	300 200	400 300	550 450	700 600
Coefficient of Friction In to In Out to Out	D-1894		0.20 0.20	0.20 0.20	0.20 0.20	0.20 0.20
Haze	D-1003	%	12	13	15	17
OTR 73° F @ 0% R.H.	D-3985	cc/100 in <sup>2</sup> /24 hr.	0.053	0.04	.029	0.022
OTR 73° F @ 75% R.H.	D-3985	cc/100 in <sup>2</sup> /24 hr.	0.15	0.10	0.075	.060
MVTR 100° F @ 90% R.H.	D-3985	cc/100 in <sup>2</sup> /24 hr.	0.55	0.40	0.35	0.25

**DISCLAIMER:**

This data should be considered as average typical properties and not as a specification. This data is offered for information purposes and does not represent any type of guarantee or warranty of performance. TekPak Solutions assumes no liability for any incidents that may arise from the use of this data.

**REGULATORY INFORMATION:**

Food contact compliance letters are available upon request. It is the responsibility of the end user to assure compliance with any packaging regulations applicable to the end use for which the product is manufactured.