



TYPICAL PROPERTIES OF 4000 1-side Chemical Treated / 1-side Corona Treated Polyester

Property	Units	Typical Values					Test Method
		15	19	23	36	50	
Average Thickness	µm gauge	60	75	92	142	200	ASTM D 4321
Water Vapor Transmission	g/m ² /24h 38°C, 90%RH	40	35	30	20	16	F-1249
Oxygen Gas Transmission	cc/m ² /24h 23°C, 0%RH	110	90	80	70	45	ASTM D 3985
Coefficient of Friction (one side to the other side)		0.50	0.50	0.50	0.45	0.45	ASTM D 1894
Treatment Corona Side	Dyne / cm	52	52	52	52	52	ASTM D 2578
Tensile Strength							
MD	kg/mm ²	1900	1900	1900	1750	1750	ASTM D 882
TD		2000	2000	2000	2000	2000	
Elongation							
MD	%	105	110	115	120	125	ASTM D 882
TD		85	85	90	90	90	
Heat Shrinkage							
MD	%	<3.0	<3.0	<3.0	<3.0	<3.0	ASTM D 1204
TD		<1.0	<1.0	<1.0	<1.0	<1.0	
Haze	%	4.0	4.0	5.0	5.5	6.0	ASTM D 1003

The data herein represents typical values by the methods indicated and should be so considered.

Since processing variables are a major factor in product performance, this information should serve only as a guide. To the best of our knowledge, the data are correct. No warranty is made or is to be implied. The Corporation assumes no obligation or liability.

Sept 2015