



TYPICAL PROPERTIES OF 3605 Matte White Polystyrene

A superior biaxially oriented polystyrene film product which offers a low gloss matte white surface, exceptional opacity and the added benefit of clean rotary die-cutting performance. 3605 was designed for food insert labels and other non-pressure sensitive label applications.

Properties	Unites	ASTM	Typical Values		
Thickness	Mils	—	2.5	4	7
Yield*	m ² /kg.	—	13.69	8.56	4.885
	in ² /lb.	—	9,628	6,017	3,438
Tensile Strength MD	PSI	D882	6400	5600	5400
TD	PSI	D882	6400	7600	6300
Elongation @ Break MD	%	D882	11.00%	12.00%	30.00%
TD	%	D882	14.00%	20.00%	29.00%
Transmission Densitometer	Densitometer Units	—	0.65	0.69	0.79
Gloss	G.U.	75° Tappi	63-69	44-47	38-45
WVTR	95% RH @ 100°gms/100 in ² per 24 hrs.	E96	4.50	2.75	1.40
Wetting Tension	—	—	Two-side Corona Treated		
Processing Range	°F		Processing Range -40°F to 160°F		

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.

The information herein, is to the best of our knowledge, true, and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. All property values are developed according to ASTM.

* Yield Tolerance: These numbers are approximate and may vary by +/- 5%.