



**TYPICAL PROPERTIES OF 3605
MATTE WHITE POLYSTYRENE**

FEATURES

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	Units	ASTM	Typical Values			
Thickness	Mils	—	2.5	4	7	10
Yield*	m ² /kg.	—	13.69	8.56	4.885	3.42
	in ² /lb.	—	9,628	6,017	3,438	2,407
Tensile Strength						
MD	PSI	D882	6400	5600	5400	4600
TD	PSI	D882	6400	7600	6300	5100
Elongation @ Break						
MD	%	D882	11.00%	12.00%	30.00%	20.00%
TD	%	D882	14.00%	20.00%	29.00%	22.00%
Transmission Densitometer	Densitometer Units	—	0.65	0.69	0.79	0.89
Gloss	G.U.	75° Tappi	63-69	44-47	38-45	27-32
WVTR	95% RH @ 100°gms/100 in ² per 24 hrs.	E96	4.50	2.75	1.40	0.90
Wetting Tension	—	Two-side Corona Treated				
Processing Range	°F	Processing Range is -40°F to 160°F				

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%.