



**TYPICAL PROPERTIES OF 5000 SERIES
POLYPROPYLENE**

DESCRIPTION

This is a two-sided treated, non-heat sealable OPP film designed for use as the outside web of a lamination.

<i>Properties</i>	<i>Units</i>	<i>ASTM</i>	<i>Typical Values</i>				
Thickness	gauge	—	.50	.75	1.00	1.20	2.0
Yield	in ² /lb.	D882	60,000	40,800	30,600	25,500	15,300
Haze Gardner	%	D1003	1.5 - 1.8	1.5 - 1.8	1.9	2.0	1.5
Coefficient of	—	D1894	.30 - .34	.26 - .34	.26 - .34	.26 - .34	.26 - .34
Treatment minimum both sides	dyne/cm		38	38	38	38	38
Tensile Strength	MD	D882	20,000	20,000	20,000	20,000	20,000
	TD	D882	34,000	38,000 - 41,000	38,000 - 41,000	38,000 - 41,000	38,000 - 41,000
Dimensional Stability	MD		-6.0	-4.0 / -4.5	-4.0 / -4.5	-4.0 / -4.5	-4.0 / -4.5
	@275°F (135°C)		-6.0	-3.0 / -4.0	-3.0 / -4.0	-3.0 / -4.0	-3.0 / -4.0
Gloss (45°)			88 - 95	88 - 91	88 - 89	88	90
WVTR @ 100°F (38°C), 90% RH	gm/100 in ² /24 hr		.70	.45	.33	.28	.17

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%.