



**TYPICAL PROPERTIES OF 4000 SERIES
POLYESTER**

Property	Units	Typical Values							Test Method
Average Thickness	µm gauge	23 92	36 142	50 200	75 300	100 400	125 500	175 700	Internal Method
Tensile Strength	(Kg/mm ²)MD	27	23.5	17.2	18-21	18-21	15.2-21	19-21	ASTM D 882
	TD	28	24	21.4	20-23	20-23	19.6-23	21	
Elongation at Break	% MD	175	150	180	140-195	140-200	150-176	141-215	ASTM D882
	TD	130	120	135	100-116	100-118	100-150	131-140	
Heat Shrinkage	% MD	1.45	1.0	0.6-1.0	0.5-1.5	1.0-1.5	0.5-1.5	1.0-1.2	ASTM D 2305 150°C, 30 min
	TD	1.45	0.2	0.6-1.0	0.5-1.0	0.35-1.0	0.5-1.0	0.1-1.0	
Coefficient of Friction	Kinetic	0.26	0.40	0.28-0.45	0.27-0.45	0.30 - 0.45	0.38 – 0.45	0.40 – 0.45	ASTM D 1894
Haze	%	1.48	0.9	0.40 – 0.7	0.48 – 1.2	0.58 – 1.2	0.66 – 1.5	0.85 – 2.4	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.