



TYPICAL PROPERTIES OF 6002 Polyethylene

Polyethylene film combines good optical properties and processability making it ideal for windowing applications, such as tissue boxes or other similar applications.

Properties	Units	ASTM	Typical Values	
Thickness	Mils	—	1.5	2
Yield	in ² /lb.	D882	20,000	15,000
Haze Gardner	—	D1003	7 - 10	7 - 10
Coefficient of Friction	—	D1894	.35 - .50	.35 - .50
Dart Impact	—	D1709	90	105
Elongation @ Break				
MD	%	D882	200 - 300%	200 - 300%
TD	%	D882	400 - 500%	400 - 500%
1% Secant Modulus (Stiffness)				
MD	PSI	D882	27,000	27,000
TD	PSI	D882	30,000	30,000
Ultimate Tensile				
MD	lbs. / sq. in.	D882	2400	2400
TD	lbs. / sq. in.	D882	2300	2300

Resin Properties	Typical Average Values	ASTM Test Method
Melt Index	2.1 g / 10 min.	D1238
Density	0.923 g /cc	D1505
Color	Natural	-

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.

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

FOR MORE INFORMATION CONTACT OUR SALES DEPARTMENT AT 800.269.0962