

ASTM D4635 Standard Specification for Polyethylene Films Made from Low-Density Polyethylene for General Use and Packaging Applications

Type 1
 Class 2
 Surface 2
 Finish 1

ASTM D4397 Standard Specification for Polyethylene Sheeting for Construction, Industrial, and Agricultural Applications
 (see Table 1 for Impact Resistance and WVTR requirements)

TABLE 1

Thickness ASTM D374 mils (µm)	Dart Impact ASTM D1709 g	WVTR ASTM E96 g/100 sq in-day	WVTR ASTM E96 perms	WVTR ASTM E96 metric perms
1(25)	40	1.4	.76	.50
2(51)	85	.7	.38	.25
3(76)	125	.47	.25	.17
4(102)	165	.35	.19	.12
5(127)	205	.28	.15	.10
6(152)	260	.23	.13	.084
7(178)	315	.2	.11	.070
8(203)	370	.18	.096	.063
9(229)	420	.16	.082	.054
10(254)	475	.14	.076	.050