



Polar Plastics Inc.

**6959 North 55th Street, Oakdale, MN 55128
651-770-2925**

Low Density Polyethylene Sheeting

This letter will serve as Product certification on polyethylene sheeting that is manufactured by Polar Plastics, Inc. meets ASTM D 4397-84 (standard specification for polyethylene sheeting for Construction, Industrial, and Agricultural applications) and D 2103 (standard specification for polyethylene film and sheeting) is manufactured in the U.S.A.

Film Properties	1.5 mil	3 mil	4.0 mil	6 mil	8mil	10mil
Dart Drop - D 1709 Impact Resistance, grams	85	125	165	260	380	475
Tensile Strength - D 882 Min, psi Lengthwise	550	900	1,200	1,700	1,600	2,000
Min, psi Crosswise	420	637	850	1,200	1,440	1,800
Elongation – D 882 Min % Lengthwise	80	112	150	160	180	225
Min % Crosswise	125	176	235	250	280	350
Permeance – E 96 Water Vapor Transmission Rate	0.38 0.70	0.25 0.47	0.19 0.35	0.13 0.23	0.096 0.18	0.076 0.14

D 2103: this standard has been approved for use by agencies of the Department of Defense.