

## **CONSTRUCTION SHEETING**

Poly-America's construction sheeting is made from polyethylene which provides for optimum in economy and performance. Because of its good weatherability, chemical inertness and toughness, Poly-America's polyethylene sheeting has successfully been used for over 20 years in a wide variety of applications. Thickness ranges from as little as .3 mil for paint drop cloths to 100 mil for use as landfill liners. Widths range up to 40 ft. If you have a special application or need more information on our products, contact your area sales representative.

Poly-America's standard sheeting will meet or exceed the following standard technical specifications:

## **Construction Sheeting**

**ASTM D4397** (see Tables 1 for Impact Resistance and WVTR requirements)

**ASTM C171** Standard Specification for Sheet Materials Used for Curing Concrete

**ASTM D4635** Type 1

Class 2 Surface 2 Finish 1

**Federal Specification LP-378** Type 1

Class 1

Grade A or B

Finish 1

**Federal Specification LP-390** Type I

Class L Grade 1 or 2

Category 3

**Federal Specification LP-512** Type I

Class L

## **Construction Sheeting Cont.**

**ASTM D1248** Type 1 (density .910 to .925)

Category 3 (melt index 1 to 10) Class A or C (A- natural or clear)

(C-black)

**ASTM D2103** Standard Classification 12230 (clear)

12231 (black)

Note: If requested custom sheeting can be made to meet the following classifications:

12130 13130 13230 12330 13330

Flexible Packaging Association B11 Type I

Surface II Class I

Finish I

## **TABLE 1**

<b>Thickness</b>	<b>Dart Impact</b>	WVTR WV	TR WV	TR
ASTM D374	ASTM D1709	ASTM E96	ASTM E96	ASTM E96
mils	gm gm	n/100 sq in-day	perms metr	ric perms
1	40	1.40	.76	.50
2	85	.70	.38	.25
3	125	.47	.25	.17
4	165	.35	.19	.12
5	205	.28	.15	.10
6	260	.23	.13	.084
7	315	.20	.11	.070
8	370	.18	.096	.063
9	420	.16	.082	.054
10	475	.14	.076	.050

NOTE: The above is for our standard sheeting products. Poly-America will produce custom sheeting products to meet other classifications or specifications. Contact Poly-America to see how they can help you with your needs.