

## DuPont Teijin Films Mylar® MDA Polyester Film, 1200 Gauge

Category : Polymer , Film , Thermoplastic , Polyester, TP , Polyester Film

**Material Notes:**

Mylar® MDA films are tough, general purpose films that are transparent in 48 through 92 gauge and translucent in heavier gauges. They have a rough surface to provide ease of handling, good adhesion, and processability. They are used for a broad range of industrial applications and may be suitable for use in medical applications. General Product Info: Mylar® MDA films have balanced tensile properties and excellent resistance to moisture and most chemicals. They can withstand temperature extremes from -100°F to 300°F. Mylar® does not become brittle with age under normal conditions, because it contains no plasticizers. Typical Applications: Apparel stays Book jackets Carbon ribbon Control Tape Drumheads Duct Liners Identifications Medical Applications Membrane touch switches Metallized Base Pressure Sensitive Labels (plain or metallized) Protective surfacing Release liners Roll leaf (hot stamping) Spirit Masters Approvals: FDA Food Contact Status - All gauges of Mylar® MDA comply with the Food and Drug Administration regulation 21 CFR 177.1630 -- Polyethylene phthalate polymers. This regulation describes films which may be safely used in contact with all types of food excluding alcoholic beverages. Uncoated films such as Mylar® MDA can be used to contain foods during oven cooking or oven baking at temperatures above 250 °F. Information provided by DuPont.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Teijin-Films-Mylar-MDA-Polyester-Film-1200-Gauge.php](http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Mylar-MDA-Polyester-Film-1200-Gauge.php)

| Physical Properties | Metric    | English                   | Comments                   |
|---------------------|-----------|---------------------------|----------------------------|
| Density             | 1.39 g/cc | 0.0502 lb/in <sup>3</sup> | Typical Mylar®; ASTM D1505 |

| Mechanical Properties | Metric   | English | Comments  |
|-----------------------|----------|---------|-----------|
| Tensile Modulus       | 3.50 GPa | 507 ksi | ASTM D882 |

| Thermal Properties                 | Metric      | English         | Comments               |
|------------------------------------|-------------|-----------------|------------------------|
| Specific Heat Capacity             | 1.17 J/g-°C | 0.280 BTU/lb-°F | Typical Mylar®         |
| Melting Point                      | 254 °C      | 489 °F          | Typical Mylar® via DSC |
| Maximum Service Temperature, Air   | 149 °C      | 300 °F          |                        |
| Maximum Service Temperature, Inert | -73.3 °C    | -100 °F         |                        |

| Optical Properties | Metric      | English     | Comments          |
|--------------------|-------------|-------------|-------------------|
| Refractive Index   | 1.64 - 1.67 | 1.64 - 1.67 | typical of Mylar® |

## Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China