

Mylar® EC (500 guage)

Polyethylene Terephthalate

DuPont Teijin Films U.S.

Message:

Mylar® EC (500 guage) is a Polyethylene Terephthalate (PET) product. It is available in North America. Applications of Mylar® EC (500 guage) include electrical/electronic applications, appliances and film.

Characteristics include:

- Chemical Resistant
- Good Dimensional Stability
- Good Flexibility
- High Strength
- Moisture Resistant

| General Information | | | |
|----------------------------|----------------------------|----------------------|-------------|
| UL YellowCard | E93687-101441653 | | |
| Features | Durable | | |
| | Good Chemical Resistance | | |
| | Good Dimensional Stability | | |
| | Good Electrical Properties | | |
| | Good Flexibility | | |
| | High Strength | | |
| | Moisture Resistant | | |
| | Uses | Appliance Components | |
| Calculators | | | |
| Camera Applications | | | |
| Communication Applications | | | |
| Computer Components | | | |
| Electrical Parts | | | |
| Electronic Data Processing | | | |
| Film | | | |
| Membrane Touch Switches | | | |
| Printed Circuit Boards | | | |
| Forms | Film | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.39 | g/cm ³ | ASTM D1505 |
| Films | Nominal Value | Unit | Test Method |
| Film Thickness - Tested | 120 | µm | ASTM D882 |
| Tensile Strength | | | |
| MD : Yield | 186 | MPa | |
| TD : Yield | 186 | MPa | |

| Tensile Elongation | | | ASTM D882 |
|--------------------|---------------|------|-------------|
| MD : Break | 150 | % | |
| TD : Break | 150 | % | |
| Optical | Nominal Value | Unit | Test Method |
| Haze | 32 | % | ASTM D1003 |

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