

## ExxonMobil PP4792E1 Polymer Grade for Oriented Film

Category : Polymer , Film , Thermoplastic , Polypropylene (PP) , Polypropylene, Film Grade

### Material Notes:

Product Description: Easy processing grade primarily for oriented film applications. Availability: North America Features: Metalizable Uses:

Oriented Film Packaging Tape Processing Method: Film Extrusion Information provided by ExxonMobil Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-PP4792E1-Polymer-Grade-for-Oriented-Film.php](http://www.lookpolymers.com/polymer_ExxonMobil-PP4792E1-Polymer-Grade-for-Oriented-Film.php)

| Physical Properties | Metric                                               | English                                              | Comments   |
|---------------------|------------------------------------------------------|------------------------------------------------------|------------|
| Density             | 0.900 g/cc                                           | 0.0325 lb/in <sup>3</sup>                            | ASTM D792  |
| Melt Flow           | 2.7 g/10 min<br>@Load 2.16 kg,<br>Temperature 230 °C | 2.7 g/10 min<br>@Load 4.76 lb,<br>Temperature 446 °F | ASTM D1238 |

| Mechanical Properties       | Metric   | English     | Comments                |
|-----------------------------|----------|-------------|-------------------------|
| Tensile Strength, Yield     | 34.7 MPa | 5040 psi    | 2.0 in/min; ASTM D638   |
| Elongation at Yield         | 10 %     | 10 %        | 2.0 in/min; ASTM D638   |
| Flexural Modulus, 1% Secant | 1460 MPa | 212000 psi  | 0.05 in/min; ASTM D790A |
|                             | 1660 MPa | 241000 psi  | 0.5 in/min; ASTM D790B  |
| Izod Impact Notched         | 1.25 J   | 0.920 ft-lb | ASTM D256A              |

| Thermal Properties                          | Metric  | English | Comments  |
|---------------------------------------------|---------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 88.3 °C | 191 °F  | ASTM D648 |

## Contact Songhan Plastic Technology Co.,Ltd.

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