

**DuPont™ Appeel® 72D799 Sealing Resin**

Category : Polymer , Thermoplastic , Adhesives, Sealants, and Coatings

**Material Notes:**

DuPont™ Appeel® 72D799 is a blown or cast film resin designed to be a sealing layer to film or sheet lidding applications. It provides a peelable seal to a number of materials including HDPE, LLDPE, LDPE, EVA, and Ionomer. Appeel® 72D799 is a modified ethylene vinyl acetate polymer available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene resins. Appeel® 72D799 resin complies with Food and Drug Administration Regulation 21 CFR 177.1330, subject to the limitations and requirements therein. This Regulation describes polymers that may be used in contact with food, subject to the finished food-contact article meeting the extractive limitations under the intended conditions of use, as shown in paragraph (c) of the Regulation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Appeel-72D799-Sealing-Resin.php](http://www.lookpolymers.com/polymer_DuPont-Appeel-72D799-Sealing-Resin.php)

| Physical Properties | Metric   | English  | Comments             |
|---------------------|--|--|----------------------|
| Density             | 0.932 g/cc   | 0.0337 lb/in <sup>3</sup>                            | ASTM D792, ISO 1183  |
| Melt Flow           | 2.9 g/10 min<br>@Load 2.16 kg,<br>Temperature 190 °C | 2.9 g/10 min<br>@Load 4.76 lb,<br>Temperature 374 °F | ASTM D1238, ISO 1133 |

| Thermal Properties | Metric  | English | Comments             |
|--------------------|---------|---------|----------------------|
| Melting Point      | 94.0 °C | 201 °F  | ASTM D3418, ISO 3146 |

| Processing Properties  | Metric       | English      | Comments               |
|------------------------|--------------|--------------|------------------------|
| Processing Temperature | <= 235 °C    | <= 455 °F    |                        |
| Feed Temperature       | 135 °C       | 275 °F       | Blown Film Coextrusion |
| Zone 2                 | 160 °C       | 320 °F       | Blown Film Coextrusion |
| Zone 3                 | 185 °C       | 365 °F       | Blown Film Coextrusion |
| Zone 4                 | 185 °C       | 365 °F       | Blown Film Coextrusion |
| Zone 5                 | 185 °C       | 365 °F       | Blown Film Coextrusion |
| Adapter Temperature    | 185 °C       | 365 °F       | Blown Film Coextrusion |
| Die Temperature        | 175 °C       | 347 °F       | Blown Film Coextrusion |
| Melt Temperature       | 160 - 185 °C | 320 - 365 °F | Blown Film Coextrusion |

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