

CYNPOL LL0118F

Linear Low Density Polyethylene Resin

Product Description

CYNPOL LL0118F is a butene linear low density polyethylene for film extrusion. This product is designed for excellent draw down and puncture strength. It contains 1,700ppm slip & 5,000ppm anti-block for blown film applications.

Applications

Automatic packaging film, general purpose blown film, liners.

Requirement meets

CYNPOL LL0118F meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520 which is covering safe use of polyolefin articles intended for food contact.

Physical Properties

| Property ¹ | Test Method | Unit | Typical Value | Reference |
|--------------------------------|-------------|---------|------------------|------------------|
| Melt Index | ASTM D-1238 | g/10min | 1.0 | 2.16kg at 190 °C |
| Density | ASTM D-792 | g/cc | 0.918 | |
| Tensile Strength, Break | ASTM D-882 | MPa | MD 48 TD 32 | |
| Elongation | ASTM D-882 | % | MD 550 TD 800 | |
| Secant Modulus1% | ASTM D-882 | MPa | MD 180 TD 210 | |
| Elmendorf Tear | ASTM D-1922 | g | MD 70 TD 380 | |
| Dart Drop Impact Strength, F50 | ASTM D-1709 | g | 95 | |

¹The technical information on properties is based on film 1.25mm thickness and all data information herein refers to typical values. Since conditions of product use is outside our control, we make no warranties and assume no liability in connection with any use of this information.



For technical support & more information

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