Manufacturer website: https://www.fpcusa.com/

Formosa Plastics®



# Formolene® FC2304E

## *Clarity LDPE Resin with 900 ppm Slip and 1200 ppm Antiblock*

Formolene® FC2304E is a low density polyethylene offering good balance of optical properties and draw down characteristics.

Formolene® FC2304E is formulated with slip and antiblock for use in applications offering excellent extrusion processing and good optical properties.

**Suggested Applications:**

| | | |
|---|---|---|
| Cast Film | Laundry Film | Profile Extrusion |
| High Clarity Film | Produce Bags | Zipper Bag |

**Nominal Physical Properties:**

| PROPERTY | TEST METHOD | UNIT | VALUE |
|---|---|---|---|
| Density | D792 | g/cc | 0.923 |
| Melt Index, Condition E, 190ºC/2.16 kg | D1238 | g/10 min | 4.0 |
| Dart Impact | D1709 | g | 70 |
| Elmendorf Tear Strength | D1922 | g | 290/110* |
| Tensile Strength at Yield | D882 | psi | 1500/1400* |
| Tensile Strength at Break | D882 | psi | 3300/2200* |
| Elongation at Break | D882 | % | 180/490* |
| Secant Modulus @ 1% | D882 | psi | 25000/30000* |
| Gloss (45°) | D2457 | | 71 |
| Haze | D1003 | % | 5.2 |

* MD / TD

Note: Film properties based on 1.18 mil (30 micron) thick film using a 7.9 in (200 mm) blown film line with a 2.5:1 blow-up ratio, a melt temperature of 356 - 375°F (180 - 190°C), a 39.4 mil (1.0 mm) die gap. Actual film properties may vary based on extrusion equipment, operating conditions and additive package. Film properties are not intended to be used as specifications.

*Published 07/15/19*

**Any inquiries regarding this data sheet should be addressed to: 9 Peach Tree Hill Road • Livingston, NJ 07039 • Phone: (800) 363-1823 • Fax: (973) 716-7483**

The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions concerning uses or applications are only the opinion of FORMOSA PLASTICS CORPORATION, U.S.A. and users should perform their own tests to determine the suitability of these products for their own particular purposes. However, because of numerous factors affecting the results, FORMOSA PLASTICS CORPORATION, U.S.A. MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, other than that the material conforms to the applicable current Standard Specifications Statements herein, therefore, should not be construed as representations or warranties. The responsibility of FORMOSA PLASTICS CORPORATION, U.S.A. for claims arising out of breach of warranty, negligence, strict liability or otherwise is limited to the purchase price of the material. Statements concerning the use of the products of formulations described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is assumed.

**©Formosa Plastics Corporation, U.S.A.**

**Formolene® is a registered trademark of FPC USA**



Manufacturer website: https://www.fpcusa.com/