



# Formolene® FL2202C

## Liner LDPE Resin with no Slip or Antiblock

Formolene® FL2202C is a low density polyethylene offering good balance of optical and mechanical properties. Formolene® FL2202C is formulated without slip and antiblock for use in film applications offering excellent extrusion processing and film optical properties.

Formolene® FL2202C meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles intended for direct food contact.

### Suggested Applications:

- |                |                              |                   |
|----------------|------------------------------|-------------------|
| Blend Partner  | Freezer Film                 | Mail Bags         |
| Food Packaging | Lamination Film              | Shoppers          |
| Foams          | Compounding                  | Textile Packaging |
| Liners         | Form Fill and Seal Packaging |                   |

### Nominal Physical Properties:

PROPERTY	TEST METHOD	UNIT	VALUE
Density	D792	g/cc	0.923
Melt Index, Condition E, 190C°/2.16 kg	D1238	g/10 min	2.0
Dart Impact	D1709	g	80
Elmendorf Tear Strength	D1922	g	150/120*
Tensile Strength at Yield	D882	psi	1600/1600*
Tensile Strength at Break	D882	psi	3600/3200*
Elongation at Break	D882	%	330/550*
Secant Modulus @ 1%	D882	psi	30000/33000*
Gloss (45°)	D2457		63
Haze	D1003	%	6.1

\* MD / TD

Note: Film properties based on 1.5 mil (38.1 micron) thick film produced on a 2.5 inch (63.5 mm) blown film line with a 2.5:1 blow-up ratio, a melt temperature of 340-360°F (171-182°C), a 30 mil (0.76 mm) die gap at a rate of 8 lbs/hr/in die circumference (1.43 kg/hr/cm). 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 12/1/2020

Any inquiries regarding this data sheet should be addressed to: 9 Peach Tree Hill Road • Livingston, NJ 07039 • Phone: (888) FPCUSA3

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 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. 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.