



**Formosa Plastics®**

## Formolene® FC2502A

### **Clarity LDPE Resin with 750 ppm Slip and 1000 ppm Antiblock**

Formolene® FC2502A is a low density polyethylene offering good balance of optical and mechanical properties.

Formolene® FC2502A is formulated with slip and antiblock for use in film applications offering excellent extrusion processing and film optical properties.

#### **Suggested Applications:**

Blend Partner	High Clarity Film	Produce Bags
Bread Bags	Freezer Film	Salad Bags
Food Packaging	Lamination Film	Textile Packaging
Display Packaging Film	Light Duty Shrink Film	
Form Fill and Seal Packaging	Mail Bag	

#### **Nominal Physical Properties:**

PROPERTY	TEST METHOD	UNIT	VALUE
Density	D792	g/cc	0.925
Melt Index, Condition E, 190°C/2.16 kg	D1238	g/10 min	2.0
Dart Impact	D1709	g	70
Elmendorf Tear Strength	D1922	g	370/80*
Tensile Strength at Break	D882	psi	4000/2600*
Elongation at Break	D882	%	120/470*
Secant Modulus @ 1%	D882	psi	37000/47000*
Gloss (45°)	D2457		62
Haze	D1003	%	7.4

\* 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 - 374°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®**

**Formolene® LDPE**

**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