Formosa Plastics®

Formolene® LDPE

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.

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

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