Formosa Plastics®

Formolene® LDPE

Formolene® FL2202A

Liner LDPE Resin with Slip and Antiblock

Formolene® FL2202A is a low density polyethylene offering good balance of optical and mechanical properties. Formolene® FL2202A is formulated with slip and antiblock for use in film applications offering excellent extrusion processing and film optical properties.

Suggested Applications:

Blend Partner	Light Duty Shrink Film	Mail Bags
Cast Film	Freezer Film	Produce 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 blowup 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 (1.43kg/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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