



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	D1505	g/cc	0.923
Melt Index, Condition E, 190°C/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.

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