



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.

Published 07/15/19

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