Manufacturer website: https://www.fpcusa.com/

Formosa Plastics®

Formolene® FC3403C

Clarity LDPE Resin with no Slip or Antiblock

Formolene® FC3403C is a low density polyethylene offering good balance of optical properties and high stiffness.

Formolene® FC3403C is formulated without slip and antiblock for use in applications offering excellent extrusion processing and good balance of film stiffness and optical properties.

Suggested Applications:

Cast Film	Hygiene Packaging	Paper Overwrap
Co-Extrusion Films	Label Film	
Embossed Films	Overwrap Film	

Nominal Physical Properties:

PROPERTY	TEST METHOD	UNIT	VALUE
Density	D792	g/cc	0.934
Melt Index, Condition E, 190ºC/2.16 kg	D1238	g/10 min	3.0
Dart Impact	D1709	g	60
Elmendorf Tear Strength	D1922	g	100/170*
Tensile Strength at Yield	D882	psi	2200/2200*
Tensile Strength at Break	D882	psi	3200/2600*
Elongation at Break	D882	%	430/560*
Secant Modulus @ 1%	D882	psi	54000/54000*
Gloss (45°)	D2457		73
Haze	D1003	%	6.0

* 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 284 - 338°F (140 - 170°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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