Formosa Plastics®

Formolene® LDPE

Formolene® FR2375C

Fractional Melt LDPE Resin with no Slip or Antiblock

Formolene® FR2375C is a low density polyethylene with films exhibiting good stiffness and optical properties. Formolene® FR2375C is formulated without slip and antiblock for use in film applications offering excellent extrusion processing and very good balance of mechanical and optical properties.

Formolene® FR2375C 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:

Agricultural Film	Collation Shrink	Medium Duty Shrink Film
Blend Partner	Freezer Film	Shoppers
Co-Extrusion	Lamination Film	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	0.75
Dart Impact	D1709	g	180
Elmendorf Tear Strength	D1922	g	350/150*
Tensile Strength at Break	D882	psi	4000/3200*
Elongation at Break	D882	%	310/530*
Secant Modulus @ 1%	D882	psi	35000/40000*
Gloss (45°)	D2457		59
Haze	D1003	%	8.4

* MD / TD

Note: Film properties based on 1.97 mil (50 micron) thick film produced using a 7.9 inch (200 mm) die and 39.4 mil (1.0 mm) die gap with a 2.5:1 Blow-Up Ratio and temperature profile of 356 - 374°F (180 - 190°C). 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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