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

Formosa Plastics®

Formolene® FR2955

Fractional Melt LDPE Resin with no Slip or Antiblock

Formolene® FR2955 is a low density polyethylene offering good film rigidity and very good optical properties.

Formolene® FR2955 is formulated without slip and antiblock for use in applications requiring good extrusion processing. Films exhibit high stiffness and very good optical properties.

Suggested Applications:

Blend Partner	Medium Duty Shrink Film
Co-Extrusion Films	Lamination Film

Nominal Physical Properties:

PROPERTY	TEST METHOD	UNIT	VALUE
Density	D792	g/cc	0.929
Melt Index, Condition E, 190ºC/2.16 kg	D1238	g/10 min	0.55
Dart Impact	D1709	g	120
Elmendorf Tear Strength	D1922	g	200/260*
Tensile Strength at Yield	D882	psi	1900/1900*
Tensile Strength at Break	D882	psi	4500/3900*
Elongation at Break	D882	%	460/610
Secant Modulus @ 1%	D882	psi	41000/46000*
Gloss (45°)	D2457		69
Haze	D1003	%	6.0

* MD / TD

Note: Film properties based on 1.97 mil (50 micron) thick blown film produced with a 2.5:1 Blow Up Ratio using a 7.9 inch (200 mm) die with 39.4 mil (1.0 mm) die gap 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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Any inquiries regarding this data sheet should be addressed to: 9 Peach Tree Hill Road • Livingston, NJ 07039 • Phone: (800) 363-1823 • Fax: (973) 716-7483

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