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

Formosa Plastics®

Formolene® FC2502A

Clarity LDPE Resin with 750 ppm Slip and 1000 ppm Antiblock

Formolene® FC2502A is a low density polyethylene offering good balance of optical and mechanical properties.

Formolene® FC2502A is formulated with slip and antiblock for use in film applications offering excellent extrusion processing and film optical properties.

Suggested Applications:

Blend Partner	High Clarity Film	Produce Bags
Bread Bags	Freezer Film	Salad Bags
Food Packaging	Lamination Film	Textile Packaging
Display Packaging Film	Light Duty Shrink Film	
Form Fill and Seal Packaging	Mail Bag	

Nominal Physical Properties:

PROPERTY	TEST METHOD	UNIT	VALUE
Density	D792	g/cc	0.925
Melt Index, Condition E, 190ºC/2.16 kg	D1238	g/10 min	2.0
Dart Impact	D1709	g	70
Elmendorf Tear Strength	D1922	g	370/80*
Tensile Strength at Break	D882	psi	4000/2600*
Elongation at Break	D882	%	120/470*
Secant Modulus @ 1%	D882	psi	37000/47000*
Gloss (45°)	D2457		62
Haze	D1003	%	7.4

* 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 - 374°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

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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