



Formosa Plastics®

Formolene® LDPE

Formolene® FE2306

LDPE Resin with no Slip or Antiblock

Formolene® FE2306 is a low density polyethylene offering good stiffness and good toughness. Formolene® FE2306 is formulated without slip and antiblock for use in applications offering easy processing.

Formolene® FE2306 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:

Compounding Houseware Articles Masterbatch Base Resin
Food Packaging Injection Molding Rigid Medium Sized Molding

Nominal Physical Properties:

PROPERTY	TEST METHOD	UNIT	VALUE
Density	D792	g/cc	0.923
Melt Index, Condition E, 190°C/2.16 kg	D1238	g/10 min	6.5
Vicat Softening Temperature	ISO 306	°F / °C	194/90
Tensile Modulus	ISO 527-2/1A/1	psi	23000
Tensile Stress (100% Strain)	ISO 527-2/1A/50	psi	1400
Shore Hardness (Shore D, 15 sec)	ISO 868		45

Note: The molded properties were measured on 157.5 mil (4 mm) thick injection molded specimen based on ISO 1872-2. Typical properties are not intended to be used as specifications.

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