



Formosa Plastics®

Formolene® HDPE

Formolene® E922

High Density Polyethylene
Medium Molecular Weight Bi-Modal Resin
Designed for Film Applications

Formolene® E922 is a medium molecular weight grade of HDPE designed for good processing characteristics and good film stiffness for thin gauge film applications.

Formolene® E922 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:

- Shopping Bags
- Trash Can Liners
- Thin Film for Laminate Applications

PROPERTY**	ASTM TEST METHOD	UNIT	VALUE
Typical Resin Properties for E922:			
Melt Index	D1238	g/10 min.	0.15
Density	D1505	g/cm ³	0.953
Melting Point	DSC	°C	132
Typical E922 Film Properties:			
Tensile Strength at Break	D882	psi.	*7500/7600
Tensile Elongation at Break	D882	%	*390/640370
Elmendorf Tear Strength	D1922	grams	*13/220
Dart Drop Impact Strength	D1709	grams	240

*MD/TD

Note: Film properties are not intended to be used as specifications. They represent 0.75 mil film produced in laboratory conditions at a blow-up ratio of 4.0 and a stalk height of 5-9 times the die diameter.

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