Formosa Plastics®

Formolene® E924

High Molecular Weight High Density Polyethylene (HMW-HDPE) Bimodal Resin Designed For Film Extrusion Applications

Formolene® E924 is a bimodal HMW-HDPE resin designed for high dart impact strength and good processing characteristics. Formolene® E924 is well balanced in overall physical properties and provides good stiffness for thin gauge film applications.

Formolene® E924 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:

T-Shirt Bags	Industrial Liners
Trash Can Liners	Heavy Duty Bags

Nominal Physical Properties:

PROPERTY**	ASTM TEST METHOD	UNIT	VALUE
Density	D1505	g/cc	0.949
Melt Index, Condition E,			
Condition E, 190°C/2.16 kg (MI)	D1238	g/10 min.	0.04
Condition F, 190°C/21.6 kg (HLMI)	D1238	g/10 min.	8.50
Melting Point	DSC	°C	131.0
***Typical Film Properties*:**			
Dart Impact	D1709	g/mil.	210
Elmendorf Tear Strength	D1922	g/mil.	*14/25
Tensile Strength at Break	D882	psi.	*9,000/4,100
Elongation	D882	%	*300/410

* MD / TD

Note: Film Properties based on 0.50 mil film produced in laboratory conditions at a Blow Up Ratio of 4.0 and a stalk height of 5X the die diameter. Actual film properties may vary depending on operating conditions and additive packages. Film properties are not intended to be used as specifications.

Published 08/01/04, Revised 01/12/16

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