Formosa Plastics Formolene® FORMAX® L91507E2 Film (Hexene Grade) LLDPE (discontinued **)

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE)/Hexene, Film Grade

Material Notes:

Superior Performance Linear Low Density Polyethylene for Film Extrusion Formolene FORMAX® L9 is a superior strength linear low density hexene copolymer polyethylene made using a gas-phase process. Film mechanical properties are comparable to premium strength LLDPE film resins. FormoleneFORMAX® L9 is formulated with slip and antiblock for use in high performance film applications offering excellent extrusion processing and outstanding impact strength and tear resistance. Films exhibit good optical properties. Formolene FORMAX® L9 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.Applications: Industrial packaging, Industrial liners, Food packaging, Can liners, Consumer trash bags and CoextrusionInformation provided by Formosa Plastics Corporation, USA

Order this product through the following link:
http://www.lookpolymers.com/polymer_Formosa-Plastics-Formolene-FORMAX-L91507E2-Film-Hexene-Grade-LLDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.915 g/cc	0.0331 lb/in³	ASTM D1505
Thickness	25.0 microns	0.984 mil	
Melt Flow	0.70 g/10 min @Load 2.16 kg, Temperature 190 °C	0.70 g/10 min @Load 4.76 lb, Temperature 374 °F	Condition E; ASTM D1238
Antiblock Level	7000 ppm	7000 ppm	
Slip Level	1500 ppm	1500 ppm	

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	10.51 MPa	1525 psi	ASTM D882
Film Tensile Strength at Yield, TD	10.5 MPa	1530 psi	ASTM D882
Film Elongation at Break, MD	670 %	670 %	ASTM D882
Film Elongation at Break, TD	880 %	880 %	ASTM D882
Elmendorf Tear Strength MD	465 g	465 g	ASTM D1922
Elmendorf Tear Strength TD	650 g	650 g	ASTM D1922
Dart Drop Test	535 g	1.18 lb	ASTM D1709
Film Tensile Strength at Break, MD	39.3 MPa	5700 psi	ASTM D882
Film Tensile Strength at Break, TD	34.5 MPa	5000 psi	ASTM D882

Mechanical Properties	Metric	English	Comments
Processing Properties	**Metric**	**English**	**Comments**
Blow-up Ratio (BUR)	2.5	2.5	

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