

Formosa Plastics Formolene® L62005E2T1 Film (Hexene Grade) LLDPE (discontinued **)

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

Material Notes:

Hexene Copolymer (High slip and antiblock, with processing aid) Applications: Blown film, high strength applications Blown film, high strength applications 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. Film properties taken from sample 38 Microns thick, at a 4:1 Blow Up Ratio, 160 X 2.5 mm die, 250 lbs./hr Information provided by Formosa Plastics Corporation, USA.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Formosa-Plastics-Formolene-L62005E2T1-Film-Hexene-Grade-LLDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.922 g/cc	0.0333 lb/in ³	ASTM D1505
Thickness	38.0 microns	1.50 mil	
Melt Flow	0.50 g/10 min	0.50 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	810 %	810 %	ASTM D882
Film Elongation at Break, TD	1100 %	1100 %	ASTM D882
Elmendorf Tear Strength, MD	11.8 g/micron	300 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	37.0 g/micron	940 g/mil	ASTM D1922
Dart Drop	8.27 g/micron	210 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	25.5 MPa	3700 psi	ASTM D882
Film Tensile Strength at Break, TD	25.0 MPa	3620 psi	ASTM D882

Processing Properties	Metric	English	Comments
Melt Temperature	225 °C	437 °F	

Descriptive Properties	Value	Comments
Blow Up Ratio	4 to 1	

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