

Formosa Plastics Formolene® L62608 Film (Hexene Grade) LLDPE

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

Material Notes:

Linear Low Density Polyethylene Hexene Copolymer with High Antiblock for Film Extrusion Formolene® L62608 is a linear low density grade made using gas-phase technology. The resin is designed for heavy duty bags and shipping sacks. Formolene® L62608 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: Heavy Duty Bags and Shipping Sacks Formolene® L62608 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: Heavy Duty Bags and Shipping Sacks Information provided by Formosa Plastics Corporation, USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Formosa-Plastics-Formolene-L62608-Film-Hexene-Grade-LLDPE.php

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 lb/in ³	ASTM D1505
Thickness	25.0 microns	0.984 mil	
Melt Flow	0.80 g/10 min @Load 2.16 kg, Temperature 190 °C	0.80 g/10 min @Load 4.76 lb, Temperature 374 °F	Condition E; ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	490 %	490 %	ASTM D882
Film Elongation at Break, TD	700 %	700 %	ASTM D882
Elmendorf Tear Strength MD	250 g	250 g	ASTM D1922
Elmendorf Tear Strength TD	650 g	650 g	ASTM D1922
Dart Drop Test	100 g	0.221 lb	ASTM D1709
Film Tensile Strength at Break, MD	32.4 MPa	4700 psi	ASTM D882
Film Tensile Strength at Break, TD	22.58 MPa	3275 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	28 %	28 %	ASTM D1003
Gloss	25 %	25 %	45°C; ASTM D523

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

Processing Properties	Metric	English	Comments
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