

M. Holland Company MAGMA® Magmalene Polyalphaolefin (discontinued **)

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Injection Molded , Polyolefin

Material Notes:

High Clarity, Good Flexibility, Good Flow, High Gloss, Good ToughnessUses: BlendingProcessing Method: Injection MoldingInformation provided by M. Holland.

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-MAGMA-Magmalene-Polyalphaolefin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.870 g/cc	0.0314 lb/in ³	ASTM D1505

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	ASTM D2240
Film Tensile Strength at Yield, MD	1.31 MPa	190 psi	ASTM D882
Film Elongation at Break, MD	>= 1000 %	>= 1000 %	ASTM D882
Flexural Modulus	0.0165 GPa	2.40 ksi	2% Secant, in accordance with ASTM D638; ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	41.1 °C	106 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Melt Temperature	165 - 235 °C	329 - 455 °F	
Mold Temperature	50.0 - 60.0 °C	122 - 140 °F	
Injection Pressure	10.0 - 14.0 MPa	1450 - 2030 psi	

Descriptive Properties	Value	Comments
Form	Pellets	
Injection Rate	Fast	

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