

Eastman M30036-P Polyethylene (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE

Material Notes:

M30036-P is an extrusion coating performance polymer suggested for applications requiring performance similar to LLDPE. Compared to low density coating resins, M30036-P offers superior heat seal strength, as well as improved tensile strength, tear resistance, ESCR and abrasion resistance. Typical applications include laminates for nylon balloons, food pouches, cheese bags, potting soil bags, and hard-to-hold juice cans. Information supplied by the manufacturer. Eastman Chemical Company sold its polyethylene business to Westlake Chemical Corporation in Dec. 2006. This grade no longer appears in the Westlake product line.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eastman-M30036-P-Polyethylene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 lb/in ³	ASTM D4883
Melt Flow	5.5 g/10 min	5.5 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	9.50 MPa	1380 psi	500 mm/min (20 in./min.); ASTM D638, Type IV Specimen
Tensile Strength, Yield	16.0 MPa	2320 psi	500 mm/min (20 in./min.); ASTM D638, Type IV Specimen
Elongation at Break	58 %	58 %	500 mm/min (20 in./min.); ASTM D638, Type IV Specimen

Thermal Properties	Metric	English	Comments
Vicat Softening Point	98.0 °C	208 °F	ASTM D1525
Brittleness Temperature	<= -73.0 °C	<= -99.4 °F	ASTM D746

Descriptive Properties	Value	Comments
Process	Coating	

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