

Eastman M3007-P Polyethylene (discontinued **)

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

Material Notes:

M3007-P is suggested for applications such as spiral-wound can linings, release paper, and photographic paper. M3007-P Has been found to exhibit good barrier properties, temperature resistance, and stress crack resistance. Information supplied by the manufacturer. Information from manufacturer data sheet. 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-M3007-P-Polyethylene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.946 g/cc	0.0342 lb/in ³	ASTM D4883
Melt Flow	9.1 g/10 min @Load 2.16 kg, Temperature 190 °C	9.1 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	18.3 MPa	2650 psi	500 mm/min (20 in./min.); ASTM D638, Type IV Specimen
Tensile Strength, Yield	24.1 MPa	3500 psi	500 mm/min (20 in./min.); ASTM D638, Type IV Specimen
Elongation at Break	40 %	40 %	500 mm/min (20 in./min.); ASTM D638, Type IV Specimen
Flexural Modulus	0.896 GPa	130 ksi	2% Secant, 12.7 mm/min. (0.5 in./min.); ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	118 °C	244 °F	ASTM D1525

Descriptive Properties	Value	Comments
Process	Coating	

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