

Eastman E6838-913P Polyethylene (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Molded

Material Notes:

Polyethylene E6838-913P natural is a specialty formulation suggested for high-speed extrusion coating applications. E6838-913P offers improvements over standard low-density polyethylene in adhesion to foil. Applications/UsesFoilEastman 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-E6838-913P-Polyethylene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.922 g/cc	0.0333 lb/in ³	ASTM D4883
Melt Flow	4.9 g/10 min @Load 2.16 kg, Temperature 190 °C	4.9 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	9.00 MPa	1310 psi	500 mm/min; ASTM D638
Tensile Strength, Yield	12.4 MPa	1800 psi	500 mm/min; ASTM D638
Elongation at Break	150 %	150 %	500 mm/min; ASTM D638
Flexural Modulus	0.283 GPa	41.0 ksi	2% Secant, 12.7 mm/min; ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	92.0 °C	198 °F	ASTM D1525
Brittleness Temperature	-68.0 °C	-90.4 °F	ASTM D746

Descriptive Properties	Value	Comments
Process	Film	

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