

## Eastman E6838-889P Polyethylene (discontinued \*\*)

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

### Material Notes:

Polyethylene E6838-889P is a formulation suggested for extrusion coating applications and has been used successfully in compounding. This product may be used for holding food during cooking.Applications/UsesFood packagingEastman 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-E6838-889P-Polyethylene-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Eastman-E6838-889P-Polyethylene-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.917 g/cc	0.0331 lb/in³	ASTM D4883
Melt Flow	7.0 g/10 min	7.0 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 at Break	9.70 MPa	1410 psi	500 mm/min; ASTM D638
Tensile Strength, Yield	9.70 MPa	1410 psi	500 mm/min; ASTM D638
Elongation at Break	400 %	400 %	500 mm/min; ASTM D638
Flexural Modulus	0.172 GPa	24.9 ksi	2% Secant, 12.7 mm/min; ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	86.0 °C	187 °F	ASTM D1525
Brittleness Temperature	<= -73.0 °C	<= -99.4 °F	ASTM D746

Descriptive Properties	Value	Comments
Process	Film	

## Contact Songhan Plastic Technology Co.,Ltd.

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