

Description

Polyethylene Lumicene® mPE M2314 EP: Outstanding clarity and gloss; excellent tear strength; high puncture resistance; excellent heat sealing properties; compatible with LDPE and LLDPE.

Applications: Lumicene® mPE M2314 EP is recommended for use in stretch films, food packaging, laminations and multilayer packaging films.

Properties

	Method	Unit	Typical Value
Rheological Properties⁽¹⁾			
Melt Flow Index	D-1238	g/10 min	
190°C/2.16 kg			1.4
190°C/21.6 kg (HLMI)			35
Mechanical Properties⁽¹⁾⁽²⁾			
Dart Impact	D-1709, A	g	325
Elmendorf Tear	D-1922	g (MD/TD)	250 / 500
Tensile Strength @ Break	D-882, A	psi (MD/TD)	5500 / 5000
Elongation at Break	D-882, A	% (MD/TD)	700 / 800
Haze	D-1003	%	2.9
Gloss, 45°	D-523	%	81
Thermal Properties⁽¹⁾			
Melting Point	D-3417	°F	243
Other Physical Properties⁽¹⁾			
Density	D-792	g/cc	0.923

- (1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.
(2) Cast film was produced at 2.0 mil