



<u>Resin Properties</u> ⁽¹⁾	<u>Typical Value</u>	<u>ASTM Method</u>
Melt Flow Index, g/10 min 190°C/2.16 kg	8.0	D 1238
Density, g/cm ³	0.962	D 792
Melting Point, °F	265	D 3417
<u>Film Properties</u> ⁽¹⁾⁽²⁾		
Haze, %	15	D 1003
Gloss, %	65	D 523
Tensile Strength @ Break, psi	5,000	D 882
Elongation @ Break, %	1,000	D 882
Secant Modulus @ 1% Strain, psi	95,000	D 882
Dart Impact, g	85	D 1709
Elmendorf Tear, g		D 1922
Machine Direction (MD)	35	
Transverse Direction (TD)	50	
WVTR ⁽³⁾ @ 100°F, g/100 in ² /day	0.22	E 96/66

Processing

Recommendation

Extrusion Melt Temperature 450 – 500 °F

Polyethylene:

Clarity High Density Cast Film Resin

Characteristics

- High stiffness
- High clarity
- Excellent surface gloss
- High tensile strength
- Good barrier properties
- Low gel content

Applications

- Overwrap
- Food packaging
- Coextrusion
- Extrusion coating

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.
 (2) The data listed were determined on a 2.0 mil cast film.
 (3) Water Vapor Transmission Rate

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