



Resin Properties⁽¹⁾	Typical Value	ASTM Method
Melt Flow Index, g/10 min		D1238
190 ⁰ C/2.16 kg	0.4	
190 ⁰ C/21.6 kg (HLMI)	12	
Density, g/cm ³	0.925	D792
Mechanical Properties⁽¹⁾⁽²⁾		
Dart Impact, g	300	D1709, A
Elmendorf Tear, g		D1922
Machine Direction (MD)	250	
Transverse Direction (TD)	800	
Tensile Strength @ Break, psi		D882, A
MD	5500	
TD	5000	
Elongation @ Break, %		D882, A
MD	700	
TD	800	
1% Secant Modulus, psi		D882, A
MD	26,000	
TD	27,000	
Haze, %	8	D1003
Gloss 45 ⁰	60	D523

Processing Recommendation

Extrusion Melt Temperature, ⁰ F 380 – 430

Polyethylene

Medium Density Film Resin

Characteristics

- Excellent bubble stability
- High impact and puncture resistance
- Outstanding clarity and gloss
- Excellent tear strength
- Good stiffness
- Excellent compatibility with LDPE and LLDPE

Applications

- Shrink films
- Heavy-duty sacks
- Food packaging
- Laminations
- Multilayer films

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.

(2) Film was produced at 2.0 mils with a 2.5:1 BUR.

