



<b><u>Resin Properties</u></b> <sup>(1)</sup>	<b><u>Typical Value</u></b>	<b><u>ASTM Method</u></b>
Melt Flow Index, g/10 min		D 1238
190°C/2.16 kg	1.2	
190°C/21.6 kg (HLMI)	33.0	
Density, g/cm <sup>3</sup>	0.961	D 792
Melting Point, °F	273	D 3417
<b><u>Film Properties</u></b> <sup>(1)(2)</sup>		
Haze, %	15	D1003
Gloss, %	50	D523
Elmendorf Tear, g		D1922
Machine Direction (MD)	24	
Transverse Direction (TD)	385	
Tensile Strength @ Yield, psi		D882, A, 20 in/min
MD	3800	
TD	4000	
Tensile Strength @ Break, psi		D882, A, 20 in/min
MD	7500	
TD	3400	
Elongation @ Break, %		D882, A, 20 in/min
MD	700	
TD	700	
Secant Modulus, kpsi		D882, A, 1 in/min
1% strain (MD/TD)	125/128	
2% strain (MD/TD)	100/102	
WVTR <sup>(3)</sup> @ 100°F, g/100 in <sup>2</sup> /day	0.4	E96/66

**Polyethylene:**

Clarity Medium Molecular Weight High Density Film Resin

**Characteristics**

- Unique combination of high stiffness and clarity
- Good moisture barrier properties
- Good processability
- Good compatibility with LDPE and LLDPE

**Applications**

- Paper overwrap
- Cup overwrap
- Plate overwrap
- Envelope windows
- Release liners
- Stand-up bags
- Specialty monolayer films
- Coextruded films

1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.  
 2) Film was produced at 1.0 mil with a 2.5:1 BUR in a low stalk configuration.  
 3) Water Vapor Transmission Rate

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