



<u>Resin Properties</u> ⁽¹⁾	<u>Typical Value</u>	<u>ASTM Method</u>
Melt Flow Index, g/10 min 190°C/2.16 kg	0.8	D 1238
190°C/21.6 kg (HLMI)	22	
Density, g/cm ³	0.959	D 792
Melting Point, °F	275	D 3417
<u>Film Properties</u> ⁽¹⁾⁽²⁾		
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	4500	
TD	4500	
Tensile Strength @ Break, psi		D882, A, 20 in/min
MD	9000	
TD	3500	
Elongation @ Break, %		D882, A, 20 in/min
MD	600	
TD	300	
Secant Modulus, kpsi		D882, A, 1 in/min
1% strain (MD/TD)	150/128	
2% strain (MD/TD)	100/102	
WVTR ⁽³⁾ @ 100°F, g/100 in ² /day	0.5	E96/66

Polyethylene:

Clarity Medium Molecular Weight High Density Film Resin

Characteristics

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

Applications

- Cereal liners
- Paper overwrap
- Envelope windows
- Stand-up bags
- Release liners
- Coextruded films

HDPE 5908 11/09

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

