

	Method	Unit	Typical Value
Resin Properties ⁽¹⁾			
Melt Flow Index	D-1238	g/10 min	
190 °C/2.16 kg			0.28
190 °C/21.6 kg (HLMI)			20
Density	D-792	g/cm ³	0.947
Melting Point	D-3417	°F	267
Film Properties ⁽¹⁾⁽²⁾			
Dart Impact	D1709, A	g	< 50
Elmendorf Tear	D1922	g (MD/TD)	10 / 1450
Tensile Strength @ Yield	D-882, A	psi (MD/TD)	3400 / 3800
Tensile Strength @ Break	D-882, A	psi (MD/TD)	9000 / 2700
Elongation at Break	D-882, A	% (MD/TD)	450 / 600
1% Secant Modulus	D-882, A	kpsi (MD/TD)	103 / 145
WVTR ⁽³⁾ @ 100 °F	F1249	g/100 in ² /day	0.7
High Stalk Extrusion⁽¹⁾⁽⁴⁾			
Dart Impact	D1709, A	g	100
Elmendorf Tear	D1922	g (MD/TD)	28 / 530
Tensile Strength @ Yield	D-882, A	psi (MD/TD)	3500 / 3700
Tensile Strength @ Break	D-882, A	psi (MD/TD)	7900 / 5700
Elongation at Break	D-882, A	% (MD/TD)	600 / 700
WVTR ⁽³⁾ @ 100 °F	F1249	g/100 in ² /day	0.5
Processing Recommendation			
Extrusion Melt Temperature		°F	380 - 420

Characteristics:

- Excellent processability
- Good tear and impact strength
- Good stiffness
- Excellent compatibility with LDPE and LLDPE
- Excellent drawdown

Applications:

- Multi-wall liners
- Gas flush poultry bags
- Mailing envelopes
- Heavy-duty shipping sacks
- Fresh cut produce packaging
- 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.

(3) Water Vapor Transmission Rate

(4) Film was produced at 1.0 mil with a 6:1 FLH/D ratio and 4:1 BUR.