

LDPE LD025919 - blow film resin- is a fractional melt index grade designed for demanding heavy duty film applications. It combines excellent strength properties with outstanding processability.

- Applications:**
- Agricultural Film
 - Blend Partner
 - Collation Shrink
 - Construction Film
 - Heavy Duty Bags
 - Pallet Shrink Film
 - Zipper Bags
- Additive(s):**
- Antiblock: 4000 ppm
 - Slip: No
 - Thermal Stabilizer: No
- Form(s):**
- Pellets

Property	Value	Unit	Value	Unit	Method
Melt Index (190°C/2.16 kg)	0.25	g/10min	0.25	g/10min	ASTM D1238
Density	0.919	g/cm ³	0.919	g/cm ³	ASTM D1505
Peak Melting Temperature	230	°F	110	°C	-
Vicat Softening Temperature	194	°F	90	°C	ASTM D1525
Dart Impact	180	g	180	g	ASTM D 1709A
Tensile Strength at Yield					
MD	1600	psi	11	MPa	ASTM D882
TD	1500	psi	10	MPa	
Tensile Strength at Break					
MD	3600	psi	25	MPa	ASTM D882
TD	3100	psi	21	MPa	
Elongation at Break					
MD	100	%	100	%	ASTM D882
TD	540	%	540	%	
Modulus, 1% Secant					
MD	26 000	psi	180	MPa	ASTM D882
TD	35 000	psi	240	MPa	
Elmendorf Tear Strength					
MD	340	g	340	g	ASTM D1922
TD	120	g	120	g	
Puncture Force	12	lbf	52	N	
Puncture Energy	6.2	in·lb	0.70	J	
Haze (Base formulation)	18	%	18	%	ASTM D1003
Gloss (at 45°, Base formulation)	35		35		ASTM D2457

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility.