

LDPE 025920

Low Density Polyethylene



Overview

LDPE 025920 is a fractional melt index grade designed for demanding heavy duty film applications. It combines excellent strength properties with outstanding processability.

Applications

- Agricultural Film
- Construction Film
- Zipper Bags
- Blend Partner
- Heavy Duty Bags
- Collation Shrink
- Pallet Shrink Film

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	0.25	g/10 min	D 1238
Density (g/cm ³)	0.920	g/cm ³	D 792
Peak Melting Temperature	230	°F	
Vicat Softening Temperature	194	°F	D1525
Dart Impact	180	g	D1709A
Tensile Strength - Yield (MD/TD)	1600/1500	psi	D882
Tensile Strength – Break (MD/TD)	3600/3100	psi	D882
Elongation at Break (MD/TD)	100/540	%	D882
Modulus, 1% Secant (MD/TD)	26,000/35,000	psi	D882
Elmendorf Tear Strength (MD/TD)	340/120	g	D1922
Puncture Force	12	lbf	
Puncture Energy	6.2	in.lb	
Gloss (45°)	35		D2457



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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. User must make their own decisions regarding its suitability for their equipment and final products.

Property	Value	Unit	ASTM
Haze (Base formulation)	18	%	D1003

Antiblock: 4000 ppm
Slip: No
Thermal Stabilizer: No
Form: Pellets