

LDPE 025920.A

Low Density Polyethylene



Overview

LDPE 025920.A 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

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

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