

KPOL-LLDPE LL K-1.1/918A

Linear Low Density Polyethylene
KPOL Chem Co.

Message:

Linear Low Density Polyethylene
Applications
Blown Film Extrusion
General purpose, frozen bags, automatic packaging (FFS) and HDPE and LDPE blends.
Characteristics
LLDPE Butene copolymer. Film obtained from this grade show very good mechanical properties, high clarity films and a good balance between sealability and procesability. Very low gel amount.

General Information			
Additive	Antioxidant		
	High Antiblock		
	Medium Slip		
	Processing Aid		
Features	Antioxidant		
	Butene Comonomer		
	Copolymer		
	Food Contact Acceptable		
	Good Processability		
	High Antiblocking		
	High Clarity		
	Low Density		
	Low Gel		
Uses	Medium Slip		
	Bags		
	Blending		
	Film		
	General Purpose		
Agency Ratings	Packaging		
	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Blown Film		
	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D1505

Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.1	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Break	40.0	MPa	
TD : Break	30.0	MPa	
Flexural Modulus			ASTM D882
1% Secant, MD	170	MPa	
1% Secant, TD	200	MPa	
Dart Drop Impact	120	g	ASTM D1709A
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	96		ASTM D2457
Haze	10	%	ASTM D1003

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