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
	Medium Slip
Uses	Bags
	Blending
	Film
	General Purpose
	Packaging
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Blown Film
	Film Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm³	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

Recommended distributors for this material

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