KPOL-LLDPE LLD K-21/927

Linear Low Density Polyethylene

KPOL Chem Co.

Message:

Linear Low Density Polyethylene
Characteristics
Is well suited for injection moulding of large items where high flow and fast cycles are required. It is recommended for housewares, trash cans, automotive parts, lids and large industrial containers, High productivity injection of pigmented closure and Masterbatches;
Applications
KPOL® LLD K- 21/927 is a linear low density polyethylene copolymer injection moulding. It has been designed to have excellent low temperature toughness, stress crack . Without slip agent. Narrow molecular weight distribution.

General Information			
Features	Copolymer		
	Fast Molding Cycle		
	High ESCR (Stress Crack Resist.)		
	High Flow		
	Low Density		
	Low Temperature Toughness		
	Narrow Molecular Weight Distribution		
Uses	Automotive Applications		
	Closures		
	Household Goods		
	Industrial Containers		
	Lids		
	Masterbatch		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.927	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	21	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	51		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength			ASTM D638
Yield	13.0	MPa	
Break	12.0	MPa	
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact	480	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	96.0	°C	ASTM D1525 [1]

NOTE	
1.	Loading 1 (10 N)

Recommended distributors for this material

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