

SEETEC LLDPE UL814

Linear Low Density Polyethylene
Lotte Chemical Corporation

Message:

Good moldability, High toughness, Good ESCR, Butene copolymer

General Information			
Features	Butene Comonomer		
	Good Moldability		
	High ESCR (Stress Crack Resist.)		
	Ultra High Toughness		
Uses	Household Goods		
	Lids		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	150	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11.8	MPa	ASTM D638
Tensile Elongation (Break)	> 700	%	ASTM D638
Flexural Modulus	304	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -100	°C	ASTM D746
Vicat Softening Temperature	100	°C	ASTM D1525

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