

SEETEC LLDPE UR644

Linear Low Density Polyethylene
Lotte Chemical Corporation

Message:
Broad molding latitude, Excellent stiffness, Good ESCR & Grindability, Butene copolymer

General Information			
Features	Butene Comonomer		
	Good Moldability		
	Good Stiffness		
	High ESCR (Stress Crack Resist.)		
Uses	Containers		
RoHS Compliance	RoHS Compliant		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.935	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	> 500	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	16.2	MPa	
Break	24.5	MPa	
Tensile Elongation (Break)	900	%	ASTM D638
Flexural Modulus	686	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	590	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -118	°C	ASTM D746
Vicat Softening Temperature	110	°C	ASTM D1525
Melting Temperature	124	°C	

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