

SEETEC LLDPE UR654

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		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.938	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.2	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	17.7	MPa	
Break	24.5	MPa	
Tensile Elongation (Break)	900	%	ASTM D638
Flexural Modulus	785	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	490	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -118	°C	ASTM D746
Vicat Softening Temperature	120	°C	ASTM D1525
Melting Temperature	128	°C	

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