

# LOTTE CHEMICAL

January, 2013

## SÉEETEC UL814

## Linear Low Density Polyethylene

### General Information

#### Description

Good moldability, High toughness, Good ESCR, Butene copolymer

#### Applications

◆ Injection molding (housewares, lids)

### Physical Properties<sup>1</sup>

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	20	g/10min		
Density	ASTM D1505	0.924	g/cm <sup>3</sup>		
<b>Mechanical</b>					
Tensile Stress (Yield)	ASTM D638	120	kgf/cm <sup>2</sup>	11.8	Mpa
Tensile Strain (Break)	ASTM D638	>700	%	>700	%
Flexural Modulus	ASTM D790	3,100	kgf/cm <sup>2</sup>	304	MPa
<b>Impact</b>					
Notched Izod Impact Strength (23°C)	ASTM D256	20	kgf·cm/cm	2.0	J/m
<b>Thermal</b>					
VICAT Softening Point	ASTM D1525	100	°C		
Brittle Temperature	ASTM D746	<-100	°C		
<b>Additional Properties</b>					
ESCR	ASTM D1693	150	F50 Hours		

### NOTE

ISO 9001, 14001, /TS 16949

<sup>1</sup> Physical Properties : these are not to be construed as specifications