

Sasol Polymers PE LT014

Low Density Polyethylene

Sasol Polymers

Message:

- Features
- Tubular resin
- Good flexibility
- Good transparency
- Applications
- Injection moulded caps and closures
- Masterbatch base

General Information			
Features	Good flexibility		
	Definition, high		
	Compliance of Food Exposure		
Uses	Shield		
	Masterbatch		
	Shell		
Agency Ratings	EC 1935/2004		
	FDA 21 CFR 177.1520(a)(3)(i)(c)(1)		
	FDA 21 CFR 177.1520(c) 3.1a		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.5	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal CO-630, F50)	0.100	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	52		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Yield	12.0	MPa	ASTM D638
Fracture	9.00	MPa	ASTM D638
Tensile Elongation ² (Break)	130	%	ASTM D638
Flexural Modulus	423	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method

Vicat Softening Temperature	96.0	°C	ASTM D1525
Injection	Nominal Value	Unit	
Rear Temperature	160 - 200	°C	
Middle Temperature	170 - 210	°C	
Front Temperature	180 - 220	°C	
Nozzle Temperature	200 - 230	°C	
Processing (Melt) Temp	220 - 270	°C	
Injection instructions			
Zone 4: 190 to 230°C			
NOTE			
1.	50 mm/min		
2.	50 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

