

SEETEC LDPE BF500

Low Density Polyethylene

LG Chem Ltd.

Message:

Application

Industrial Film & Food Package

Feature

Characteristics : Good Processability, Good Optical Properties

Additives : Antiblocking Agent, Slip Agent

General Information	
Additive	Antiblock Slip
Features	Good Processability Opticals
Uses	Film Food Packaging

Physical	Nominal Value	Unit	Test Method
Density ¹	0.918 to 0.922	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.7 to 3.3	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 2% Secant ²	108	MPa	ASTM D638
Tensile Strength ³			ASTM D638
Across Flow : Break	22.6	MPa	
Flow : Break	25.5	MPa	
Break	12.3	MPa	
Tensile Elongation ⁴			ASTM D638
Break ⁵	550	%	
Break ⁶	300	%	
Break	600	%	
Films	Nominal Value	Unit	Test Method
Dart Drop Impact	60	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	350	g	
TD	180	g	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	90.0	°C	ASTM D1525
Peak Melting Temperature ⁷	105	°C	ASTM D3418

Optical	Nominal Value	Unit	Test Method
Gloss (45°)	95		ASTM D2457
Haze	6.0	%	ASTM D1003
NOTE			
1.	Condition: 23°C		
2.	500 mm/min		
3.	500 mm/min		
4.	500 mm/min		
5.	Across Flow		
6.	Flow		
7.	Condition: 10°C/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

