

SEETEC LDPE BF410

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	0.922 to 0.926	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.8 to 2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 2% Secant ²	132	MPa	ASTM D638
Tensile Strength ³			ASTM D638
Across Flow : Break	23.5	MPa	
Flow : Break	26.5	MPa	
Break	13.2	MPa	
Tensile Elongation ⁴			ASTM D638
Break ⁵	550	%	
Break ⁶	300	%	
Break	650	%	
Films	Nominal Value	Unit	Test Method
Dart Drop Impact	65	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	400	g	
TD	180	g	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	95.0	°C	ASTM D1525
Peak Melting Temperature ⁷	107	°C	ASTM D3418

Optical	Nominal Value	Unit	Test Method
Gloss (45°)	95		ASTM D2457
Haze	4.0	%	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		

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