

SEETEC LDPE BF415

Low Density Polyethylene

LG Chem Ltd.

Message:

Application
Masking film
Feature
Characteristics : Good Processability
Excellent Optical Properties
Additives : None

General Information			
Features	Good Processability		
	Opticals		
Uses	Film		
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)	1.6 to 2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 2% Secant ²	118	MPa	ASTM D638
Tensile Strength ³			ASTM D638
Across Flow : Break	23.5	MPa	
Flow : Break	25.5	MPa	
Break	12.3	MPa	
Tensile Elongation ⁴			
Break ⁵	550	%	ASTM D638
Break ⁶	300	%	ASTM D638
Films	Nominal Value	Unit	Test Method
Dart Drop Impact	55	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	400	g	
TD	180	g	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	92.0	°C	ASTM D1525
Peak Melting Temperature ⁷	112	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	95		ASTM D2457
Haze	5.0	%	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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