

SEETEC EVA EF221

Ethylene Vinyl Acetate Copolymer

LG Chem Ltd.

Message:

Application

Agricultural Film

Feature

Characteristics : Good Mechanical Properties, Good Optical Properties

Additives : Antiblocking agent, Slip agent

General Information			
Additive	Antiblock		
	Slip		
Features	Opticals		
Uses	Film		
Physical	Nominal Value	Unit	Test Method
Density ¹	0.924 to 0.928	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.50 to 0.70	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 2% Secant ²	103	MPa	ASTM D638
Tensile Strength ³			ASTM D638
Across Flow : Break	29.4	MPa	
Flow : Break	31.4	MPa	
Break	17.7	MPa	
Tensile Elongation ⁴			ASTM D638
Break ⁵	650	%	
Break ⁶	400	%	
Break	700	%	
Films	Nominal Value	Unit	Test Method
Dart Drop Impact	250	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	350	g	
TD	250	g	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	94.0	°C	ASTM D1525
Peak Melting Temperature ⁷	103	°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

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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

