

# SEETEC EVA EF321

Ethylene Vinyl Acetate Copolymer

LG Chem Ltd.

## Message:

Application

Agricultural Film

Feature

Characteristics : Good Mechanical Properties, Good Optical Properties

Additives : No Additive

General Information			
Features	Opticals		
Uses	Film		
Physical	Nominal Value	Unit	Test Method
Density <sup>1</sup>	0.928 to 0.932	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80 to 1.2	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 2% Secant <sup>2</sup>	63.7	MPa	ASTM D638
Tensile Strength <sup>3</sup>			ASTM D638
Across Flow : Break	30.4	MPa	
Flow : Break	30.4	MPa	
Break	19.6	MPa	
Tensile Elongation <sup>4</sup>			
Break <sup>5</sup>	650	%	ASTM D638
Break <sup>6</sup>	400	%	ASTM D638
Films	Nominal Value	Unit	Test Method
Dart Drop Impact	> 400	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	220	g	
TD	260	g	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	85.0	°C	ASTM D1525
Peak Melting Temperature <sup>7</sup>	94.0	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	105		ASTM D2457
Haze	3.5	%	ASTM D1003
NOTE			
1.	Condition: 23°C		
2.	500 mm/min		
3.	500 mm/min		
4.	500 mm/min		

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5.	Across Flow
6.	Flow
7.	Condition: 10°C/min

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#### Recommended distributors for this material

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