

SEETEC EVA EF320

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 ¹	0.926 to 0.931	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70 to 0.90	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 2% Secant ²	83.4	MPa	ASTM D638
Tensile Strength ³			ASTM D638
Across Flow : Break	30.4	MPa	
Flow : Break	30.4	MPa	
Break	17.7	MPa	
Tensile Elongation ⁴			
Break ⁵	650	%	ASTM D638
Break ⁶	400	%	ASTM D638
Films	Nominal Value	Unit	Test Method
Dart Drop Impact	300	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	260	g	
TD	280	g	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	88.0	°C	ASTM D1525
Peak Melting Temperature ⁷	101	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	100		ASTM D2457
Haze	4.5	%	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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