

LG EVA EP28015

Ethylene Vinyl Acetate Copolymer
LG Chem Ltd.

Message:

- Applications
- Photovoltaic Encapsulant Sheet
- hot Melt Adhesive
- Performance
- Uniform VA Contents and MI
- Excellent optical property
- Low Gel level and strict contaminant control
- Good adhesion property in the solar module

General Information			
Features	Low speed solidification crystal point		
	Optical		
	Good adhesion		
Uses	Sheet		
	Adhesive		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	15	g/10 min	ASTM D1238
Vinyl Acetate Content	28.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	78		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	11.0	MPa	ASTM D638
Tensile Elongation ² (Break)	900	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	46.0	°C	Internal method
Melting Temperature	71.0	°C	Internal method
NOTE			
1.	500 mm/min		
2.	500 mm/min		

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