

# LG EVA EC15006

Ethylene Vinyl Acetate Copolymer

LG Chem Ltd.

Message:

- Applications
- Wire and Cable Compounds
- Performance
- Uniform VA Contents and MI
- Excellent surface finish
- High filler loading(Carbon black, Flame retardant agent)
- Contaminants free
- Excellent electrical & mechanical property

General Information			
Features	Good electrical performance		
	Excellent appearance		
Uses	Wire and cable applications		
Physical	Nominal Value	Unit	Test Method
Density	0.936	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Vinyl Acetate Content	15.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	92		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	16.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	800	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	65.0	°C	Internal method
Melting Temperature	89.0	°C	Internal method
NOTE			
1.	500 mm/min		
2.	500 mm/min		

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