

LG EVA EC33018

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	0.960	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	18	g/10 min	ASTM D1238
Vinyl Acetate Content	33.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	64		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	10.0	MPa	ASTM D638
Tensile Elongation ² (Break)	900	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	< 40.0	°C	Internal method
Melting Temperature	62.0	°C	Internal method
NOTE			
1.	500 mm/min		
2.	500 mm/min		

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