

# SEETEC EVA VC590

Ethylene Vinyl Acetate Copolymer

Lotte Chemical Corporation

## Message:

SEETEC VC590 resin is produced by ExxonMobil Chemical's autoclave process technology.  
SEETEC VC590 resin, with 28% VA content, is an excellent raw material in the application of wire & cable.

General Information			
Uses	Adhesives		
	Compounding		
	Sheet		
	Wire & Cable Applications		
RoHS Compliance	RoHS Compliant		
Processing Method	Compounding		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Vinyl Acetate Content	28.0	wt%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	30		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	19.9	MPa	ASTM D638
Tensile Elongation (Break)	800	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	47.0	°C	ASTM D1525
Melting Temperature	72.0	°C	Internal Method

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