

Polytech & Net VC590

Ethylene Vinyl Acetate Copolymer

Polytech & Net Gmbh

Message:

Wire and cable, Molding, Compounding, Sheet extrusion, Hot melt adhesives

General Information			
Uses	Adhesives		
	Wire & Cable Applications		
Processing Method	Compounding		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	4.0	g/10 min	ASTM D1238
Vinyl Acetate Content	28.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	30		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	203	MPa	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	47.0	°C	ASTM D1525
Peak Melting Temperature	72.0	°C	Internal Method
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257
Dielectric Constant (1 MHz)	2.35		ASTM D1531

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