

Polymer-E EV303

Ethylene Vinyl Acetate Copolymer

Asia Polymer Corporation (APC)

Message:

Polymer-E EV303 is an Ethylene Vinyl Acetate Copolymer (EVA) product. It can be processed by extrusion or foam processing and is available in Asia Pacific. Applications of Polymer-E EV303 include consumer goods and foam. Primary characteristic: good processability.

General Information	
Features	Good Processability
Uses	Foam
	Footwear
Processing Method	Extrusion
	Foam Processing

Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Vinyl Acetate Content	18.0	wt%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	33		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	18.6	MPa	ASTM D638
Tensile Elongation (Break)	730	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	39.0	°C	ASTM D648
Brittleness Temperature	< -70.0	°C	ASTM D746
Vicat Softening Temperature	62.0	°C	ASTM D1525
Melting Temperature	82.0	°C	Internal Method

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