

Elvaloy® AC 3117

Ethylene n-Butyl Acrylate Copolymer
DuPont Packaging & Industrial Polymers

Message:

Elvaloy® AC 3117 is a copolymer of ethylene and butyl acrylate. It is available in pellet form for use in conventional extrusion equipment designed to process polyethylene type resins.
17% Butyl Acrylate

General Information	
Features	Copolymer
Agency Ratings	FDA 21 CFR 175.105
	FDA 21 CFR 176.180
Forms	Pellets
Processing Method	Coextrusion
	Extrusion Coating

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.924	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.5	g/10 min	ASTM D1238, ISO 1133
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	60.0	°C	ASTM D1525, ISO 306
Peak Melting Temperature	99.0	°C	ASTM D3418, ISO 3146
Additional Information	Nominal Value	Unit	
Butyl Acrylate Content	17.0	wt%	
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	135	°C	
Cylinder Zone 2 Temp.	160	°C	
Cylinder Zone 3 Temp.	185	°C	
Cylinder Zone 4 Temp.	185	°C	
Cylinder Zone 5 Temp.	185	°C	
Adapter Temperature	185	°C	
Melt Temperature	160 to 235	°C	
Die Temperature	185	°C	

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