

Elvaloy® AC 2116

Ethylene Ethyl Acrylate Copolymer

DuPont Packaging & Industrial Polymers

Message:

Elvaloy® AC 2116 is a copolymer of ethylene and ethyl acrylate. It is available in pellet form for use in conventional extrusion equipment designed to process polyethylene type resins.

16% Ethyl Acrylate

General Information			
Features	Copolymer		
Agency Ratings	FDA 21 CFR 177.1320(a)		
Forms	Pellets		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238, ISO 1133
Ethyl Acrylate Content	16.0	wt%	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	60.0	°C	ASTM D1525, ISO 306
Melting Temperature	96.0	°C	DSC, ISO 3146
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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