

Elvaloy® AC 34035

Ethylene Butyl Acrylate Copolymer

DuPont Packaging & Industrial Polymers

Message:

Elvaloy® AC 34035 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.

General Information			
Additive	Slip		
Features	Slip		
Agency Ratings	FDA 21 CFR 175.105		
	FDA 21 CFR 176.180		
Forms	Pellets		
Processing Method	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)	40	g/10 min	ASTM D1238, ISO 1133
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	90.0	°C	ASTM D3418, ISO 3146
Additional Information	Nominal Value	Unit	
Butyl Acrylate Content	35.0	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.	210	°C	
Cylinder Zone 5 Temp.	210	°C	
Adapter Temperature	210	°C	
Melt Temperature	160 to 235	°C	
Die Temperature	210	°C	

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