

Elvaloy® AC 1125

Ethylene Methyl Acrylate Copolymer
DuPont Packaging & Industrial Polymers

Message:

Elvaloy® AC 1125 is a copolymer of ethylene and methyl acrylate. It is available in pellet form for use in conventional extrusion equipment designed to process polyethylene type resins.
25% By Weight Methyl Acrylate

General Information	
Features	Copolymer
	Good Flexibility
	High ESCR (Stress Crack Resist.)
	Soft
Agency Ratings	FDA 21 CFR 175.105
Forms	Pellets
Processing Method	Blow Molding
	Coextrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.944	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.50	g/10 min	ASTM D1238, ISO 1133
Methyl Acrylate Content	25.0	wt%	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	48.0	°C	ASTM D1525, ISO 306
Melting Temperature	90.0	°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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Recommended distributors for this material

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