

DuPont™ Elvaloy® AC 1330 Ethylene Methyl Acrylate

Category : Polymer , Thermoplastic , Ethylene Methyl Acrylate , Ethylene-Methyl Acrylate Copolymer, Extrusion Grade

Material Notes:

Elvaloy® AC 1330 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. Elvaloy® AC 1330 Acrylate Copolymer Resin complies with Food & Drug Administration Regulation 21 CFR 175.105 -- Adhesives. This Regulation describes adhesives that may be used as components of articles intended for use in packaging, transporting, or holding food, subject to the limitations and requirements therein. Elvaloy® AC 1330 Acrylate Copolymer Resin complies with Food & Drug Administration Regulation 21 CFR 176.180 -- Components of paper and paperboard in contact with dry food, subject to the limitations and requirements therein. This Regulation describes substances that may be used as components of the uncoated and coated food-contact surface of paper and paperboard in contact with dry food (Food Type VIII, identified in 21 CFR 176.170(c) Table 1).

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Elvaloy-AC-1330-Ethylene-Methyl-Acrylate.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	ASTM D792, ISO 1183
Melt Flow	3.0 g/10 min @Load 2.16 kg, Temperature 190 °C	3.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238, ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	85.0 °C	185 °F	ASTM D3418, ISO 3146

Processing Properties	Metric	English	Comments
Processing Temperature	<= 310 °C	<= 590 °F	
Feed Temperature	135 °C	275 °F	Blown Film Extrusion
Zone 2	160 °C	320 °F	Blown Film Extrusion
Zone 3	185 °C	365 °F	Blown Film Extrusion
Zone 4	185 °C	365 °F	Blown Film Extrusion
Zone 5	185 °C	365 °F	Blown Film Extrusion
Adapter Temperature	185 °C	365 °F	Blown Film Extrusion
Die Temperature	185 °C	365 °F	Blown Film Extrusion
Melt Temperature	160 - 235 °C	320 - 455 °F	Blown/Cast Film Coextrusion

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