

DuPont™ Elvaloy® AC 12024S Ethylene Methyl Acrylate

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

Material Notes:

Elvaloy® AC 12024S 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 12024S resin complies with the U. S. Food and Drug Administration regulation 21 CFR 177.1340, Ethylene-methyl acrylate copolymer resins, for use in contact with all types of food, subject to meeting the migration limits specified in paragraph (b).

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Elvaloy-AC-12024S-Ethylene-Methyl-Acrylate.php

Physical Properties	Metric	English	Comments
Density	0.944 g/cc	0.0341 lb/in³	ASTM D792, ISO 1183
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 190 °C	20 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238, ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	88.0 °C	190 °F	ASTM D3418, ISO 3146

Processing Properties	Metric	English	Comments
Processing Temperature	<= 310 °C	<= 590 °F	
Feed Temperature	160 °C	320 °F	Extrusion Coating
Zone 2	210 °C	410 °F	Extrusion Coating
Zone 3	235 °C	455 °F	Extrusion Coating
Zone 4	235 °C	455 °F	Extrusion Coating
Zone 5	235 °C	455 °F	Extrusion Coating
Adapter Temperature	235 °C	455 °F	Extrusion Coating
Die Temperature	235 °C	455 °F	Extrusion Coating
Melt Temperature	210 - 260 °C	410 - 500 °F	Extrusion Coating

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