

DuPont™ Elvaloy® AC 2618 Ethylene Methyl Acrylate

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

Material Notes:

Elvaloy® AC 2618 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. Elvaloy® AC 2618 resin complies with the U. S. Food and Drug Administration regulation 21 CFR177.1320; Ethylene Ethyl Acrylate copolymers, for use in contact with food, except for holding food during cooking. These EEA resins must be blended with olefin polymers complying with 21 CFR 177.1520 in such proportions that the ethyl acrylate content of the blend does not exceed 8 percent by weight. Migration limits must also be complied as specified in paragraph (c)(2).

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Elvaloy-AC-2618-Ethylene-Methyl-Acrylate.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in³	ASTM D792, ISO 1183
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D1238, ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Thermal Properties	Metric	English	Comments
Melting Point	95.0 °C	203 °F	ASTM D3418, ISO 3146
Vicat Softening Point	56.0 °C	133 °F	ASTM D1525, ISO 306

Processing Properties	Metric	English	Comments
Processing Temperature	<= 310 °C	<= 590 °F	
Feed Temperature	185 °C	365 °F	Extrusion Coating
Zone 2	235 °C	455 °F	Extrusion Coating
Zone 3	260 °C	500 °F	Extrusion Coating
Zone 4	285 °C	545 °F	Extrusion Coating
Zone 5	285 °C	545 °F	Extrusion Coating
Adapter Temperature	285 °C	545 °F	Extrusion Coating
Die Temperature	285 °C	545 °F	Extrusion Coating
Melt Temperature	235 - 310 °C	455 - 590 °F	Extrusion Coating

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