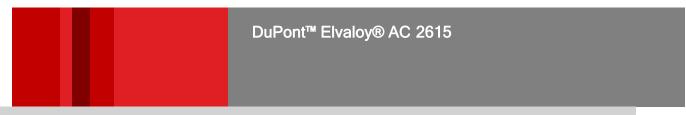
DuPont Packaging & Industrial Polymers





Elvaloy® AC resins Product Data Sheet

Description	
Product Description	Elvaloy® AC 2615 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.
Restrictions	

Material Status • Commercial: Active

Typical Characteristics

Composition 15 % By Weight Ethyl Acrylate comonomer content

Typical Properties

Physical	Nominal Values	Test Method(s)	Test Method(s)	
* Density ()	0.93 g/cm ³	ASTM D792 ISO	1183	
Melt Flow Rate (190°C/2.16kg)	6 g/10 min	ASTM D1238 ISO	1133	
Thermal	Nominal Values	Test Method(s)	Test Method(s)	
Melting Point (DSC)	97°C (207°F)	ASTM D3418 ISO	3146	
Vicat Softening Point	58°C (136°F)	ASTM D1525 ISC	306	

Processing Information

Genera

* Maximum Processing Temperature 310°C (590°F)

General Processing Information Elvaloy® AC 2615 is normally processed at melt temperatures ranging from 235°C -

310°C (455°F - 590°F) in extrusion coating or cast film equipment. A typical extrusion coating extruder temperature profile is given below. Actual processing temperatures will be determined by either the specific equipment or one of the other polymers in a coextrusion. Elvaloy® AC 2615 can also be used in cast extrusions and coextrusions. It is easily processed on standard equipment used for low density polyethylene.

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Extrusion Coating / Lamination
Processing

Extrusion Coating / Lamination
Processing

Feed Zone
Second Zone

Nominal Values

A suggested extrusion set temperature profile
185°C (365°F)
235°C (455°F)

Third Zone	260°C	(500°F)
Fourth Zone	285°C	(545°F)
Fifth Zone	285°C	(545°F)
Adapter Zone	285°C	(545°F)
Die Zone	285°C	(545°F)

FDA Status Information

ELVALOY® AC 2615 Acrylate Copolymer Resin complies with Food and Drug Administration Regulation 21 CFR 177.1320(a) - - Ethylene-ethyl acrylate copolymer resins, subject to the limitations and requirements therein. This Regulation describes polymers that may be used in contact with food, except for holding food during cooking, subject to the blend and finished food-contact article meeting the extractive limitations, as shown in paragraph (c)(2) of the Regulation. This resin must be blended with polyethylene or with one or more olefin polymers complying with Food and Drug Administration Regulation 21 CFR 177.1520, or used in a coating complying with 21 CFR 175.300 or 21 CFR 176.170 in such proportions that the ethyl acrylate content of the blend or finished coating does not exceed 8 percent by weight, in accordance with paragraph (b) of 21 CFR 177.1320.

The information and certifications provided herein are based on data we believe to be reliable, to the best of our knowledge. The information and certifications apply only to the specific material designated herein as sold by DuPont and do not apply to use in any process or in combination with any other material. They are provided at the request of and without charge to our customers. Accordingly, DuPont cannot guarantee or warrant such certifications or information and assumes no liability for their use.

Regulatory Information

For information on regulatory compliance outside of the U.S., consult your local DuPont representative.

Safety & Handling

For information on appropriate Handling & Storage of this polymeric resin, please refer to the Material Safety Data Sheet..

A Product Safety Bulletin, Material Safety Data Sheet, and/or more detailed information on extrusion processing and/or compounding of this polymeric resin for specific applications are available from your DuPont Packaging and Industrial Polymers representative.

Read and Understand the Material Safety Data Sheet (MSDS) before using this product

Regional Centres

DuPont operates in more than 70 countries. For help finding a local representative, please contact one of the following regional customer contact centers:

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This data sheet is effective as of 08/08/2010 12:39:28 PM and supersedes all previous versions.