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.

Material Status
- Commercial: Active

Typical Characteristics
- Composition: 30% By Weight Methyl Acrylate comonomer content
- Features: Contains Slip additive.

Typical Properties
- **Physical**
  - Density (ρ): 0.95 g/cm³ (ASTM D792, ISO 1183)
  - Melt Flow Rate (190°C/2.16kg): 3 g/10 min (ASTM D1238, ISO 1133)

- **Thermal**
  - Melting Point (DSC): 85°C (185°F) (ASTM D3418, ISO 3146)

Processing Information
- **General**
  - Maximum Processing Temperature: 310°C (590°F)

- **Blown Film Processing**
  - Feed Zone: 135°C (275°F)
  - Second Zone: 160°C (320°F)
  - Third Zone: 185°C (365°F)
  - Fourth Zone: 185°C (365°F)

A suggested extrusion set temperature profile is shown below.
Fifth Zone 185°C (365°F)
Adapter Zone 185°C (365°F)
Die Zone 185°C (365°F)

FDA Status Information
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).

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 12:30:09 PM and supersedes all previous versions.