

# Elvax® 760

Ethylene Vinyl Acetate Copolymer  
DuPont Packaging & Industrial Polymers

Message:

DuPont™ Elvax® 760 is an ethylene-vinyl acetate copolymer resin for use in industrial applications.

Composition

9.3 % By Weight Vinyl Acetate

Thermal Stabilizer: BHT antioxidant

Features

Low level BHT antioxidant

Applications

Elvax® resins can be used in a variety of applications involving molding, compounding, extrusion, adhesives, sealants, and wax blends. For additional information and properties associated with specific applications, please refer to the Grade Selector Guides found on the Elvax® website for industrial applications. [http://www2.dupont.com/Elvax/en\\_US/tech\\_info/index.html](http://www2.dupont.com/Elvax/en_US/tech_info/index.html)

| General Information |                           |      |             |
|---------------------|---------------------------|------|-------------|
| Additive            | Antioxidant               |      |             |
|                     | Heat Stabilizer           |      |             |
| Features            | Antioxidant               |      |             |
|                     | Copolymer                 |      |             |
|                     | Food Contact Acceptable   |      |             |
|                     | Heat Stabilized           |      |             |
| Uses                | Adhesives                 |      |             |
|                     | Blending                  |      |             |
|                     | Compounding               |      |             |
|                     | Industrial Applications   |      |             |
|                     | Sealants                  |      |             |
|                     | Wire Jacketing            |      |             |
| Agency Ratings      | FDA 21 CFR 177.1350(a)(1) |      |             |
| Forms               | Pellets                   |      |             |
| Processing Method   | Blow Molding              |      |             |
|                     | Compounding               |      |             |
|                     | Compression Molding       |      |             |
|                     | Extrusion                 |      |             |
|                     | Foam Processing           |      |             |
|                     | Injection Molding         |      |             |
|                     | Sheet Extrusion           |      |             |
|                     | Structural Foam Molding   |      |             |
| Physical            | Nominal Value             | Unit | Test Method |

| Specific Gravity                          | 0.930         | g/cm <sup>3</sup> | ASTM D792, ISO 1183  |
|---|---------------|-------------------|----------------------|
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 2.0           | g/10 min          | ASTM D1238, ISO 1133 |
| Vinyl Acetate Content                     | 9.3           | wt%               |                      |
| Thermal                                   | Nominal Value | Unit              | Test Method          |
| Vicat Softening Temperature               | 82.0          | °C                | ASTM D1525, ISO 306  |
| Peak Melting Temperature                  | 100           | °C                | ASTM D3418, ISO 3146 |
| Injection                                 | Nominal Value | Unit              |                      |
| Processing (Melt) Temp                    | < 230         | °C                |                      |
| Extrusion                                 | Nominal Value | Unit              |                      |
| Melt Temperature                          | < 230         | °C                |                      |

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