

# Elvax® 3165VLGA

Ethylene Vinyl Acetate Copolymer  
DuPont Packaging & Industrial Polymers

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## Technical Data

### Product Description

DuPont™ Elvax® 3165VLGA is an extrudable ethylene-vinyl acetate copolymer resin containing very low gel material available in pellet form for use in conventional extrusion equipment designed to process polyethylene resins.

#### Composition

18% By Weight Vinyl Acetate comonomer content  
Thermal Stabilizer: BHT antioxidant

#### Features

Very Low Gel

#### Applications

This resin is designed to provide a low temperature heat seal to itself or many other materials commonly used in flexible packaging applications. The melt properties of this resin allow it to be processed on blown film equipment over a wide range of film thickness and blow-up ratios. It can also be co-extruded with a variety of other polymers. This resin is typically used as low temperature seal layer in co-extruded films.

### General

Material Status	• Commercial: Active
Literature <sup>1</sup>	• <a href="#">Technical Datasheet (English)</a>
Search for UL Yellow Card	• <a href="#">DuPont Packaging &amp; Industrial Polymers</a>
Availability	• Africa & Middle East • Europe
Additive	• Antioxidant
Features	• Antioxidant • Copolymer • Food Contact Acceptable • Good Flexibility • Good Heat Seal • Low Gel • Low Temperature Heat Sealability
Uses	• Film • Packaging
Agency Ratings	• FDA 21 CFR 177.1350(a)(1)
Forms	• Pellets
Processing Method	• Blown Film • Coextrusion • Coextruded Film • Film Extrusion

Physical	Nominal Value Unit	Test Method
Density / Specific Gravity	0.940 g/cm <sup>3</sup>	ASTM D792 ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70 g/10 min	ASTM D1238 ISO 1133
Vinyl Acetate Content	18.0 wt%	

Thermal	Nominal Value Unit	Test Method
Vicat Softening Temperature	69.0 °C	ASTM D1525 ISO 306
Peak Melting Temperature	89.0 °C	ASTM D3418 ISO 3146
Freezing Point		
--	68 °C	ASTM D3418
--	68 °C	ISO 3146

Additional Information	Nominal Value Unit
Maximum Processing Temperature	230 °C

Extrusion	Nominal Value Unit
Melt Temperature	150 to 175 °C

### Notes

<sup>1</sup> These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

<sup>2</sup> Typical properties: these are not to be construed as specifications.



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### Where to Buy

#### Supplier

##### DuPont Packaging & Industrial Polymers

Wilmington, DE USA

**Telephone:** 800-628-6208

**Web:** [http://www2.dupont.com/Packaging\\_Resins/en\\_US/](http://www2.dupont.com/Packaging_Resins/en_US/)

#### Distributor

##### Distrupol Ltd

*Dstrupol Ltd is a Pan European distribution company. Contact Distrupol Ltd for availability of individual products by country.*

**Telephone:** 08452003040

**Web:** <http://www.dstrupol.com/>

**Availability:** Denmark, Finland, Ireland, Norway, Sweden, United Kingdom

##### RESINEX Group

*RESINEX is a Pan European distribution company. Contact RESINEX for availability of individual products by country.*

**Telephone:** +32-14-672511

**Web:** <http://www.resinex.com/>

**Availability:** Europe

