

DuPont™ Elvax® CE 9619-1

Elvax® resins Product Data Sheet

Description

Product Description

DuPont™ Elvax® CE9619-1 is an extrudable ethylene-vinyl acetate copolymer resin concentrate designed to modify the surface properties of films or coatings of Elvax® Resins or other compatible polymers. This is a concentrated masterbatch product and is designed to be blended with the resin to be modified. This concentrate contains 20 wt.% antiblock and 7 wt.% slip additives. It is available in pellet form for use in conventional extrusion equipment designed to process polyethylene resins.

Restrictions

Material Status

- Commercial: Active

Availability

- Globally

Typical Characteristics

Uses

- Compounding

Composition

73% By Weight (18% Vinyl Acetate Resin)
 20 wt.% Antiblock
 7 wt.% Slip
 Thermal Stabilizer: BHT antioxidant

Features

This is a concentrated masterbatch product and is designed to be blended with the resin to be modified.

Applications

This resin is designed to modify the surface properties of films or coatings of Elvax® Resins or other compatible polymers.

Typical Properties

Physical	Nominal Values	Test Method (s)	
Density ()	1.06 g/cm³	ASTM D792	ISO 1183
Melt Index (190°C/2.16g)	4 g/10 min	ASTM D1238	ISO 1133
Thermal	Nominal Values	Test Method (s)	
Melting Point (DSC)	87°C (189°F)	ASTM D3418	ISO 3146

Processing Information

General

Maximum Processing Temperature

230°C (446°F)

General Processing Information

Elvax® resins can be used in conventional extrusion equipment designed to process polyethylene resins. However, corrosion-protected barrels, screws, adapters, and dies are recommended, since, at sustained melt temperatures above 230°C (446°F) ethylene-vinyl acetate (EVA) resins may thermally degrade and release corrosive by-products.

FDA Status Information

ELVAX® CE9619-1 EVA Resin complies with Food and Drug Administration Regulation 21 CFR 177.1350(a)(1) - - Ethylene-vinyl acetate copolymers, subject to the limitations and requirements therein. This Regulation describes polymers that may be used in contact with food, subject to the finished food-contact article meeting the extractive limitations under the intended conditions of use, as shown in paragraph (b)(1) of the Regulation.

Safety & Handling

A Product Safety Bulletin, Material Safety Data Sheet, and more detailed information on compounding and processing Elvax® resins 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 01/11/2010 12:22PM and supersedes all previous versions.