EVA

Elvax® 460

DuPont (now Dow)

Position #101 · Jinsutong Reference Catalog 2026

Resin Overview

EVA · 18% VA, Medium Melt. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	DuPont (now Dow)
Category	EVA · 18% VA, Medium Melt
Typical Use	Flexible packaging, foam, hot-melt adhesive

Key Properties

MFR (190°C/2.16 kg)	8 g/10min
VA Content	18 wt%
Density	0.94 g/cm³
Melting Point (DSC)	88 °C
Vicat Softening Point	64 °C
Tensile Strength at Break	21 MPa
Elongation at Break	700%
Tensile Modulus	40 MPa

Key Features

- 18% VA for medium flexibility
- High melt strength for foam extrusion
- Good adhesion for hot-melt
- FDA food contact compliant

Processing Conditions

Melt Temperature	180-220 °C
Mold Temperature	N/A (extrusion)
Drying	Not required
Processing Methods	Film extrusion, foam extrusion

Typical Applications

- Flexible packaging films
- Foam products
- Hot-melt adhesives
- Co-extrusion tie layers

Regulatory & Compliance

- FDA 21 CFR 177.1350
- EU 10/2011
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

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