EVA

Elvax® 3120

DuPont (now Dow)

Position #110 · Jinsutong Reference Catalog 2026

Resin Overview

EVA · 7.5% VA, Heat Seal. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	DuPont (now Dow)
Category	EVA · 7.5% VA, Heat Seal
Typical Use	Heat seal layer for packaging

Key Properties

MFR (190°C/2.16 kg)	12 g/10min
VA Content	7.5 wt%
Density	0.92 g/cm³
Melting Point (DSC)	97 °C
Vicat Softening Point	78 °C
Tensile Strength at Break	17 MPa
Elongation at Break	550%
Heat Seal Initiation	100 °C

Key Features

- Low VA for higher melting point
- Good heat seal for food packaging
- High clarity
- FDA food contact compliant

Processing Conditions

Melt Temperature	200-240 °C
Mold Temperature	N/A (extrusion)
Drying	Not required
Processing Methods	Blown film extrusion

Typical Applications

- Heat seal layer
- Lidding film
- Co-extrusion food packaging
- Dairy packaging

Regulatory & Compliance

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

> ⚠ All data sourced from public manufacturer catalogs.

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