EVA

Escorene™ FL 00018

ExxonMobil

Position #109 · Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	ExxonMobil
Category	EVA · 18% VA, Film
Typical Use	Flexible film for packaging

Key Properties

MFR (190°C/2.16 kg)	0.8 g/10min
VA Content	18 wt%
Density	0.94 g/cm³
Melting Point (DSC)	88 °C
Tensile Strength at Break (MD/TD)	25/22 MPa
Elongation at Break (MD/TD)	500/600%
Dart Drop	>600 g
FDA 21 CFR 177.1350	Compliant

Key Features

- 18% VA for flexible packaging film
- Low MFR (0.8) for extrusion quality
- Good optical clarity
- FDA food contact compliant

Processing Conditions

Melt Temperature	180-220 °C
Mold Temperature	N/A (extrusion)
Drying	Not required
Processing Methods	Blown film extrusion

Typical Applications

- Flexible packaging film
- Industrial film
- Agricultural film
- Heavy-duty packaging

Regulatory & Compliance

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

> ⚠ All data sourced from public manufacturer catalogs.

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