EVA

Escorene™ Ultra FL 00228

ExxonMobil

Position #111 · Jinsutong Reference Catalog 2026

Resin Overview

EVA · 3.4% VA, Solar Grade. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	ExxonMobil
Category	EVA · 3.4% VA, Solar Grade
Typical Use	Solar PV encapsulation

Key Properties

MFR (190°C/2.16 kg)	5 g/10min
VA Content	3.4 wt%
Density	0.92 g/cm³
Melting Point (DSC)	101 °C
Vicat Softening Point	82 °C
Tensile Strength at Break	21 MPa
Elongation at Break	600%
Light Transmittance	>91%

Key Features

- Low VA (3.4%) for solar grade
- High melting point for lamination
- High clarity for PV encapsulation
- TUV and UL certified

Processing Conditions

Melt Temperature	70-90 °C (film)
Mold Temperature	145-155 °C (lamination)
Drying	Not required
Processing Methods	Blown film extrusion, vacuum lamination

Typical Applications

- Solar PV encapsulation
- Crosslinkable EVA for PV
- Premium solar film
- PV backsheet bonding

Regulatory & Compliance

- TUV certified
- UL 1703 listed
- IEC 61215 compliant

⚠ All data sourced from public manufacturer catalogs.

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