EAA

Escorene™ AA 5301

ExxonMobil

Position #109 · Jinsutong Reference Catalog 2026

Resin Overview

EAA · Low MFR, Higher Viscosity. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	ExxonMobil
Category	EAA · Low MFR, Higher Viscosity
Typical Use	Heavy-duty foil lamination, sealant layer

Key Properties

MFR (190°C/2.16 kg)	5 g/10min
Density	0.94 g/cm³
Acrylic Acid Content	9.0 wt%
Tensile Strength at Yield	19 MPa
Elongation at Break	580%
Vicat Softening Point	73 °C
Peel Strength to Aluminum	6.8 N/15mm
Neck-in (250°C)	Low

Key Features

- Low MFR for heavy coating
- High viscosity for thick coating
- Good aluminum adhesion
- FDA food contact compliant

Processing Conditions

Melt Temperature	280-320 °C
Mold Temperature	N/A (extrusion)
Drying	Not required
Processing Methods	Extrusion coating, co-extrusion

Typical Applications

- Heavy-duty aluminum foil lamination
- Carton liquid packaging
- Heat-seal layer for thicker films
- Adhesive for multilayer structures

Regulatory & Compliance

- FDA 21 CFR 177.1340
- EU 10/2011
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

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