EAA

Escorene™ EB 502

ExxonMobil

Position #107 · Jinsutong Reference Catalog 2026

Resin Overview

EAA · Low MFR, Extrusion Coating. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	ExxonMobil
Category	EAA · Low MFR, Extrusion Coating
Typical Use	Heavy extrusion coating, thick layer

Key Properties

MFR (190°C/2.16 kg)	8 g/10min
Density	0.94 g/cm³
Acrylic Acid Content	8.0 wt%
Tensile Strength at Yield	18 MPa
Elongation at Break	620%
Vicat Softening Point	71 °C
Peel Strength to Aluminum	5.8 N/15mm
Neck-in (250°C)	Low

Key Features

- Low MFR for thick coating
- High acrylic acid for adhesion
- Low neck-in for accurate coating
- FDA food contact compliant

Processing Conditions

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

Typical Applications

- Heavy-duty aluminum foil lamination
- Carton liquid packaging
- Heat-seal layer for thick films
- Industrial extrusion coating

Regulatory & Compliance

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

⚠ All data sourced from public manufacturer catalogs.

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