EAA

Escorene™ AA 4503

ExxonMobil

Position #117 · Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	ExxonMobil
Category	EAA · Low AA, Extrusion
Typical Use	Low AA content, extrusion coating, tie layer

Key Properties

MFR (190°C/2.16 kg)	8 g/10min
Density	0.93 g/cm³
Acrylic Acid Content	7.5 wt%
Tensile Strength at Yield	17 MPa
Elongation at Break	640%
Vicat Softening Point	70 °C
Peel Strength to Aluminum	5.5 N/15mm
Melting Point (DSC)	102 °C

Key Features

- Low AA content (7.5%) for higher melting point
- Good for tie layer applications
- FDA food contact compliant
- Good processability for extrusion coating

Processing Conditions

Melt Temperature	290-330 °C
Mold Temperature	N/A (extrusion)
Drying	Not required
Processing Methods	Extrusion coating, co-extrusion

Typical Applications

- Co-extrusion tie layer
- General purpose extrusion coating
- Laminating adhesive
- Paper coating

Regulatory & Compliance

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

> ⚠ All data sourced from public manufacturer catalogs.

Contact
Mr. Mo Hailong (莫海龙) — Business Manager · +86 138 1603 7020 · 13816037020@139.com
Shanghai Jinsutong Plastics Co., Ltd. · 1st Building, 5601 Yanqian Road, Fengxian District, Shanghai

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