EAA

Nucrel® AE

DuPont (now Dow)

Position #108 · Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	DuPont (now Dow)
Category	EAA · Adhesive Extrusion, High AA
Typical Use	Aluminum foil lamination, extrusion coating

Key Properties

MFR (190°C/2.16 kg)	11 g/10min
Density	0.94 g/cm³
Acrylic Acid Content	9.5 wt%
Tensile Strength at Yield	20 MPa
Elongation at Break	600%
Vicat Softening Point	74 °C
Peel Strength to Aluminum	7.0 N/15mm
Melting Point (DSC)	99 °C

Key Features

- High acrylic acid (9.5%) for maximum adhesion
- Excellent aluminum foil bond
- FDA food contact compliant
- High peel strength

Processing Conditions

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

Typical Applications

- Premium aluminum foil lamination
- Carton packaging
- Heat-seal layer for food packaging
- Adhesive tie layer

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

© 2026 Shanghai Jinsutong Plastics Co., Ltd. · Jinsutong Reference Catalog 2026 · jinsutong.com/grades