EAA NUCREL 31001

DuPont

Reference catalog 2026 - Upgraded Template

Resin Overview (Upgraded Template)

EAA · 乙烯-丙烯酸共聚物 (Upgraded)

This Grade

Manufacturer	DuPont
Category	EAA · 乙烯-丙烯酸共聚物 (Upgraded)
Typical Use	Reference grade for 乙烯-丙烯酸共聚物 (Upgraded)

Key Properties (8 metrics)

MFR (190°C/2.16 kg)	10 g/10min
Density	0.94 g/cm3
Acrylic Acid Content	9.0 wt%
Tensile Strength at Yield	20 MPa
Elongation at Break	600%
Vicat Softening Point	74 °C
Peel Strength to Aluminum	6.5 N/15mm
Melting Point (DSC)	99 °C

Key Features

- High adhesion to aluminum foil
- Good clarity and gloss
- FDA food contact compliant
- Easy processing for extrusion coating

Processing Conditions

Melt Temperature	280-320 °C
Mold Temperature	N/A

Drying	Not required
Processing Methods	Extrusion coating, co-extrusion

Typical Applications

- Aluminum foil lamination
- Extrusion coating on paperboard
- Tie layer in multilayer films
- Food packaging

Regulatory & Compliance

- RoHS compliant
- REACH registered
- FDA food contact grades available

> Data from public manufacturer catalogs. Verify before procurement.

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