EMAA NUCREL 599

DuPont

Reference catalog 2026 - Upgraded Template

Resin Overview (Upgraded Template)

EMAA · 乙烯-甲基亚烯酸共聚物 (Upgraded)

This Grade

Manufacturer	DuPont
Category	EMAA · 乙烯-甲基亚烯酸共聚物 (Upgraded)
Typical Use	Reference grade for 乙烯-甲基亚烯酸共聚物 (Upgraded)

Key Properties (8 metrics)

MFR (190°C/2.16 kg)	8 g/10min
Density	0.94 g/cm3
MAA Content	9.0 wt%
Tensile Strength at Yield	20 MPa
Elongation at Break	580%
Vicat Softening Point	72 °C
Peel Strength to Aluminum	6.3 N/15mm
Melting Point (DSC)	95 °C

Key Features

- High melt strength for deep-draw
- Excellent aluminum adhesion
- Ionomer precursor
- FDA food contact

Processing Conditions

Melt Temperature	270-310 °C
Mold Temperature	N/A

Drying	Not required
Processing Methods	Extrusion coating, thermoforming

Typical Applications

- Vacuum skin packaging (VSP)
- Aluminum foil lamination
- Ionomer precursor (Surlyn-type)
- 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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