EMAA

Sumitomo EMAA 5002

Sumitomo Chemical

Position #113 · Jinsutong Reference Catalog 2026

Resin Overview

EMAA · General Purpose, Asia. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Sumitomo Chemical
Category	EMAA · General Purpose, Asia
Typical Use	Asia-source EMAA, foil lamination, food packaging

Key Properties

MFR (190°C/2.16 kg)	9 g/10min
Density	0.94 g/cm³
MAA Content	8.5 wt%
Tensile Strength at Yield	19 MPa
Elongation at Break	600%
Vicat Softening Point	73 °C
Peel Strength to Aluminum	6.2 N/15mm
FDA 21 CFR 176.170	Compliant

Key Features

- Sumitomo quality from Japan
- Asia supply stability
- FDA food contact compliant
- Good aluminum adhesion

Processing Conditions

Melt Temperature	270-310 °C
Mold Temperature	N/A (extrusion)
Drying	Not required
Processing Methods	Extrusion coating, co-extrusion

Typical Applications

- Carton aluminum lamination
- Snack food packaging
- Lidding film for dairy
- Co-extrusion tie layer

Regulatory & Compliance

- FDA 21 CFR 176.170
- 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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