EVA

Borecene™ EVA

Borealis

Position #104 · Jinsutong Reference Catalog 2026

Resin Overview

EVA · 19% VA, Foam. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Borealis
Category	EVA · 19% VA, Foam
Typical Use	Crosslinkable EVA foam, footwear

Key Properties

MFR (190°C/2.16 kg)	3 g/10min
VA Content	19 wt%
Density	0.94 g/cm³
Melting Point (DSC)	85 °C
Vicat Softening Point	60 °C
Tensile Strength at Yield	4 MPa
Elongation at Break	700%
Crosslinker Compatibility	Peroxide + co-agent

Key Features

- 19% VA for soft foam feel
- Low density for lightweight foam
- High crosslinking efficiency
- Good resilience and compression set

Processing Conditions

Melt Temperature	100-130 °C (melt extrusion)
Mold Temperature	N/A (extrusion)
Drying	Not required
Processing Methods	Foam extrusion with peroxide crosslinker

Typical Applications

- Footwear midsoles and insoles
- EVA foam packaging
- Sports equipment padding
- Yoga mats and exercise gear

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ 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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