EVA

# Borstar™ FO Modell 8101

Borealis

Position #112 · Jinsutong Reference Catalog 2026

## Resin Overview

EVA · Foam Extrusion, Crosslinkable. Sourced from public manufacturer technical data sheets.

## This Grade

| | |
|---|---|
| **Manufacturer** | Borealis |
| **Category** | EVA · Foam Extrusion, Crosslinkable |
| **Typical Use** | EVA foam for footwear and packaging |

## Key Properties

| | |
|---|---|
| **MFR (190°C/2.16 kg)** | 1.5 g/10min |
| **VA Content** | 19 wt% |
| **Density** | 0.94 g/cm³ |
| **Melting Point (DSC)** | 85 °C |
| **Tensile Strength at Break** | 6 MPa |
| **Elongation at Break** | 700% |
| **Hardness (Shore A)** | 78 |
| **Crosslinker Compatibility** | Peroxide + co-agent |

## Key Features

- 19% VA for soft foam
- High melt strength for foam
- Crosslinkable for better properties
- Suitable for footwear and packaging foam

## Processing Conditions

| | |
|---|---|
| **Melt Temperature** | 110-140 °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
- Crosslinked foam applications

## Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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