PP

Borcoat™ EC350E

Borealis

Position #108 · Jinsutong Reference Catalog 2026

Resin Overview

PP · Coextrusion Coating, Low. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Borealis
Category	PP · Coextrusion Coating, Low
Typical Use	Coextrusion coating grade, packaging

Key Properties

MFR (230°C/2.16 kg)	30 g/10min
Density	0.90 g/cm³
Tensile Strength at Yield	28 MPa
Tensile Modulus	1100 MPa
Elongation at Break	60%
HDT (0.45 MPa)	90 °C
Vicat Softening Point	130 °C
FDA 21 CFR 177.1520	Compliant

Key Features

- Very high MFR (30) for high-speed coating
- Good neck-in for accurate coating
- FDA food contact compliant
- Suitable for paper/board coating

Processing Conditions

Melt Temperature	240-280 °C
Mold Temperature	N/A (extrusion)
Drying	Not required
Processing Methods	Extrusion coating

Typical Applications

- Paper/board extrusion coating
- Carton liquid packaging
- Co-extrusion adhesive layer
- Food packaging

Regulatory & Compliance

- FDA 21 CFR 177.1520
- EU 10/2011
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

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