EVOH

EVAL™ C109B

Kuraray

Position #104 · Jinsutong Reference Catalog 2026

Resin Overview

EVOH · 32 mol%, High Clarity. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Kuraray
Category	EVOH · 32 mol%, High Clarity
Typical Use	High clarity barrier films, food packaging

Key Properties

Ethylene Content	32 mol%
Density	1.19 g/cm³
MVR (190°C/2.16 kg)	9 g/10min
Melting Point (DSC)	181 °C
O2 Permeability (23°C/65% RH)	0.4 cc·mil/m2·day·atm
Tensile Strength at Yield	78 MPa
Light Transmittance (2mm)	91%
HDT (0.45 MPa)	100 °C

Key Features

- High clarity EVOH
- Lowest OTR in 32 mol% line
- Good for food packaging
- FDA and EU food contact compliant

Processing Conditions

Melt Temperature	210-250 °C
Mold Temperature	N/A (extrusion)
Drying	4 h @ 100 °C in desiccant dryer
Processing Methods	Co-extrusion, thermoforming

Typical Applications

- High-clarity barrier films
- Retort packaging
- Vacuum skin packaging
- Co-extrusion food packaging

Regulatory & Compliance

- FDA 21 CFR 177.1360
- EU 10/2011
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

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