EVOH EVAL E105B

Kuraray

Reference catalog 2026 - Upgraded Template

Resin Overview (Upgraded Template)

EVOH · 乙烯-乙烯醇共聚物 (Upgraded)

This Grade

Manufacturer	Kuraray
Category	EVOH · 乙烯-乙烯醇共聚物 (Upgraded)
Typical Use	Reference grade for 乙烯-乙烯醇共聚物 (Upgraded)

Key Properties (8 metrics)

Ethylene Content	32 mol%
Density	1.19 g/cm3
MFR (190°C/2.16 kg)	8 g/10min
Melting Point (DSC)	181 °C
O2 Permeability (23°C/65% RH)	0.5 cc·mil/m2·day·atm
Tensile Strength at Yield	80 MPa
Elongation at Break	180%
Light Transmittance (2mm)	91%

Key Features

- High oxygen barrier
- High clarity for film
- Good for multilayer food packaging
- FDA and EU food contact

Processing Conditions

Melt Temperature	210-250 °C
Mold Temperature	N/A

Drying	4 h @ 100 °C in desiccant dryer
Processing Methods	Co-extrusion, film extrusion

Typical Applications

- Multilayer barrier films
- Retort pouches
- Vacuum insulation panels
- Food packaging

Regulatory & Compliance

- RoHS compliant
- REACH registered
- FDA food contact grades available

> Data from public manufacturer catalogs. Verify before procurement.

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