PC+ABS

Bayblend® W85

Covestro

Position #110 · Jinsutong Reference Catalog 2026

Resin Overview

PC+ABS · High Heat, Black. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Covestro
Category	PC+ABS · High Heat, Black
Typical Use	High-heat automotive, black pre-compounded

Key Properties

MVR (260°C/5 kg)	9 g/10min
Density	1.16 g/cm³
Tensile Strength at Yield	55 MPa
Tensile Modulus	2500 MPa
Elongation at Break	50%
Notched Izod Impact (23°C)	46 kJ/m²
HDT (1.8 MPa)	112 °C
Color	Black

Key Features

- High heat (HDT 112°C) for automotive
- Black pre-compounded for premium look
- Good impact strength
- Covestro quality

Processing Conditions

Melt Temperature	250-280 °C
Mold Temperature	60-80 °C
Drying	4 h @ 100 °C in desiccant dryer
Processing Methods	Injection molding

Typical Applications

- Automotive interior trim
- Dashboard parts (black)
- Premium black interior
- High-heat interior components

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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