PC+ABS

Bayblend® W85 XF

Covestro

Position #113 · Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	Covestro
Category	PC+ABS · High Heat, Plating
Typical Use	High-heat automotive plating grade

Key Properties

MVR (260°C/5 kg)	10 g/10min
Density	1.16 g/cm³
Tensile Strength at Yield	54 MPa
Tensile Modulus	2600 MPa
Elongation at Break	50%
Notched Izod Impact (23°C)	45 kJ/m²
HDT (1.8 MPa)	115 °C
Plating Adhesion	Excellent

Key Features

- High heat (HDT 115°C) for plating
- Excellent plating adhesion
- 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, plating

Typical Applications

- Chrome-plated automotive trim
- Premium decorative parts
- High-heat interior trim
- Premium consumer electronics

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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