PC+ABS

Bayblend® T85 SF

Covestro

Position #112 · Jinsutong Reference Catalog 2026

Resin Overview

PC+ABS · High Flow, Structural Foam. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Covestro
Category	PC+ABS · High Flow, Structural Foam
Typical Use	Structural foam molding for large parts

Key Properties

MVR (260°C/5 kg)	14 g/10min
Density	1.15 g/cm³
Tensile Strength at Yield	52 MPa
Tensile Modulus	2400 MPa
Elongation at Break	50%
Notched Izod Impact (23°C)	45 kJ/m²
HDT (1.8 MPa)	102 °C
Foaming Agent	Chemical blowing agent compatible

Key Features

- High flow for structural foam molding
- Low density when foamed
- Large parts with good stiffness
- Covestro quality

Processing Conditions

Melt Temperature	260-290 °C
Mold Temperature	60-80 °C
Drying	4 h @ 100 °C in desiccant dryer
Processing Methods	Structural foam molding

Typical Applications

- Large automotive interior
- Large equipment housings
- Structural panels
- Large enclosure covers

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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