PC+ABS

Bayblend® T80 SF

Covestro

Position #110 · Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

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

Key Properties

MVR (260°C/5 kg)	12 g/10min
Density (solid)	1.15 g/cm³
Tensile Strength at Yield	54 MPa
Tensile Modulus	2400 MPa
Elongation at Break	50%
Notched Izod Impact (23°C)	48 kJ/m²
HDT (1.8 MPa)	108 °C
Foaming Agent Compatible	Yes

Key Features

- Designed for structural foam
- Low density when foamed (~0.8 g/cm³)
- Large parts with good stiffness
- Black color pre-compounded

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
- Truck body panels

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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