

PC-PBT

Key Features

Impact resistance • Chemical resistance •
Heat resistance > 100°C • Flame retardancy

Applications

End-use parts • Automotive • Electronics •
Consumer goods

Product Description

PC-PBT is a high-impact, flame-rated resin known for excellent mechanical strength, chemical and weather resistance, and good processability. Ideal for injection molding, it's used in automotive components, electrical enclosures, consumer goods, industrial housings, and durable medical device components, making it suitable for demanding applications across various industries.

Properties*

Tensile strength	55 MPa
Elongation at break	80%
Flexural strength	80 MPa
Flexural modulus	2,100 MPa
Melting temperature	250°C
Heat deflection temperature (0.45 MPa)	107°C
Heat deflection temperature (1.80 MPa)	95°C
Izod notched impact strength	660 J/m
Dielectric strength (1.6 mm)	28 kV/mm
Density	1.22 g/cm ³
Flame retardancy (1.6 mm)	UL 94-HB

*Based on material Kingfa LONoy-1200

Reference

For more detailed source information, please consult the original document linked [here](#). We encourage users to verify the data's relevance and suitability for their specific needs.

