



Bayblend® T85 LM
(PC+ABS)

Covestro Deutschland AG

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	19	cm³/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2200	MPa	ISO 527
Yield stress	45	MPa	ISO 527
Yield strain	4	%	ISO 527
Stress at Break	40	MPa	ISO 527
Strain at Break	40	%	ISO 527
Puncture energy, +23°C	45	J	ISO 6603-2
Puncture energy, -30°C	40	J	ISO 6603-2
Flexural Modulus (23°C)	2200	MPa	ISO 178
Flexural strength	70	MPa	ISO 178
Notched Impact Strength (Izod), 23°C	43	kJ/m²	ISO 180/1A
Notched Impact Strength (Izod)	15	kJ/m²	ISO 180/1A
Temperature	-30	°C	-

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	101	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	128	°C	ISO 306

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	260	°C	-
Mold temperature	80	°C	-

Characteristics

Processing

Injection Molding

Features

Laser Markable

Special Characteristics

Heat aging stabilized