



Bayblend® T85 XAT
(PC+ABS)

Covestro Deutschland AG

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	18	cm³/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.8	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2100	MPa	ISO 527
Yield stress	50	MPa	ISO 527
Yield strain	5	%	ISO 527
Stress at Break	60	MPa	ISO 527
Strain at Break	>50	%	ISO 527
Puncture energy, +23°C	35	J	ISO 6603-2
Puncture energy, -30°C	20	J	ISO 6603-2
Notched Impact Strength (Izod), 23°C	55	kJ/m²	ISO 180/1A
Notched Impact Strength (Izod)	50	kJ/m²	ISO 180/1A
Temperature	-30	°C	-

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50°C/h 50N	127	°C	ISO 306

Electrical Properties	Value	Unit	Test Standard
ISO Data			
Surface Resistivity	1E11	Ohm	IEC 62631-3-2

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

Applications

Automotive

Special Characteristics

Anti-static, Impact modified, UV stabilized