



Bayblend® T85 XUV
(PC+ABS)

Covestro Deutschland AG

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	16	cm³/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2450	MPa	ISO 527
Yield stress	59	MPa	ISO 527
Yield strain	4.8	%	ISO 527
Stress at Break	56	MPa	ISO 527
Strain at Break	>50	%	ISO 527
Puncture energy, +23°C	50	J	ISO 6603-2
Notched Impact Strength (Izod), 23°C	58	kJ/m²	ISO 180/1A
Notched Impact Strength (Izod)	45	kJ/m²	ISO 180/1A
Temperature	-30	°C	-
Impact Strength (Izod), 23°C	no break	kJ/m²	ISO 180/1U

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50°C/h 50N	129	°C	ISO 306
Coeff. of Linear Therm. Expansion, parallel	75	E-6/K	ISO 11359-1/-2
Coeff. of Linear Therm. Expansion, normal	80	E-6/K	ISO 11359-1/-2

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1140	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	270 - 290	°C	-

Characteristics

Processing

Injection Molding

Applications

Automotive

Special Characteristics

UV stablized