

Bayblend® RW85 XF (PC+ABS)

Covestro Deutschland AG

Reflective grade with a combination of good mechanical performance, high flow and controlled diffusion characteristics.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.7	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2270	MPa	ISO 527
Yield stress	49	MPa	ISO 527
Nominal strain at break	>50	%	ISO 527
Stress at Break	49	MPa	ISO 527
Flexural Modulus (23 °C)	2270	MPa	ISO 178
Flexural strength	76	MPa	ISO 178
Notched Impact Strength (Izod), 23 °C	45	kJ/m ²	ISO 180/1A
Notched Impact Strength (Izod)	35	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Impact Strength (Izod), 23 °C	no break	kJ/m ²	ISO 180/1U

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	104	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	126	°C	ISO 75-1/-2
Vicat softening temperature, 50 °C/h 50N	130	°C	ISO 306

Electrical Properties	Value	Unit	Test Standard
ISO Data			
Volume Resistivity	1E14	Ohm*m	IEC 62631-3-1
Surface Resistivity	1E16	Ohm	IEC 62631-3-2

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1180	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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