

AUROblend® PC+ABS GF20 black 9005

(PC+ABS)-GF20

Aurora Kunststoffe GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	21	cm ³ /10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6900	MPa	ISO 527
Stress at break	110	MPa	ISO 527
Strain at break	2.7	%	ISO 527

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	120	°C	ISO 75-1/-2
Vicat softening temperature, B	130	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-

Other properties	Value	Unit	Test Standard
Water absorption	0.5	%	Sim. to ISO 62
Humidity absorption	0.3	%	Sim. to ISO 62
Density	1250	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	95	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	270	°C	-
Mold temperature	80	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Black

Regional Availability

Europe