

**AUROblend® PC+ABS (T65) unfilled black**

PC+ABS pellets, standard viscosity, black

Properties	Test standard	Unit	Value
<b>General</b>			
Density	ISO 1183	g/cm <sup>3</sup>	1,10 ± 0,02
Humidity absorption (23°C, 50% R.H.)	ISO 62	%	0,2 ± 0,1
Water absorption (23°C, water)	ISO 62	%	0,8 ± 0,2
Moisture Content	ISO 760	%	< 0,2
<b>Processing</b>			
Melt Volume Rate (260°C / 5 kg)	ISO 1133	cm <sup>3</sup> /10 min	35 ± 10
Inj. Molding, melt temperature	-	°C	250 ± 10
Inj. Molding, mold temperature	-	°C	70 ± 10
Molding shrinkage (parallel)	ISO 294-4	%	0,6 ± 0,1
Molding shrinkage (normal)	ISO 294-4	%	0,6 ± 0,1
Pre-drying			2-4h / 100-110°C
<b>Mechanical properties</b>			
Tensile modulus	ISO 527-1/-2	MPa	1.900
Stress at break	ISO 527-1/-2	MPa	45
Strain at break	ISO 527-1/-2	%	3,5
Charpy unnotched impact strength (23°C)	ISO 179/1eU	kJ/m <sup>2</sup>	n.b.
Charpy unnotched impact strength (-30°C)	ISO 179/1eU	kJ/m <sup>2</sup>	-
Charpy notched impact strength (23°C)	ISO 179/1eA	kJ/m <sup>2</sup>	40
Charpy notched impact strength (-30°C)	ISO 179/1eA	kJ/m <sup>2</sup>	-
<b>Flammability rating</b>			
UL 94, not accredited measurement	ISO 1210 (0,8mm)		-
	ISO 1210 (1,6 mm)		-

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