



CPP 15T20 NOIR			
PP-T20			Synova SAS
Rheological properties	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.2	%	ISO 294-4, 2577
Molding shrinkage, normal	1.2	%	ISO 294-4, 2577
Melt flow index, MFI	13	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-
Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2200	MPa	ISO 527
Yield stress	25	MPa	ISO 527
Yield strain	4	%	ISO 527
Stress at break	21	MPa	ISO 527
Strain at break	16	%	ISO 527
Charpy impact strength, +23°C	45	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5.5	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	2	kJ/m ²	ISO 179/1eA
Flexural modulus, 23°C	1800	MPa	ISO 178
Flexural strength	32	MPa	ISO 178
Izod Impact notched, 23°C	5	kJ/m ²	ISO 180/1A
Izod Impact notched	2	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	56	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	100	°C	ISO 75-1/-2
Vicat softening temperature, A	140	°C	ISO 306
Vicat softening temperature, 50°C/h 50N	65	°C	ISO 306
Other properties	Value	Unit	Test Standard
ISO Data			
Density	1050	kg/m ³	ISO 1183
Characteristics			
Processing		Features	
Injection Molding		Copolymer	
Delivery form		Certifications	
Black		Recycled Resin Content	
Special Characteristics		Applications	
High impact or impact modified		Automotive	