

**Edgetek™ CY1000-20CF/000 BK001**

(PC+ABS)-CF20

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	105	MPa	ASTM D 638
Flexural Modulus	9800	MPa	ASTM D 790
Flexural Strength	155	MPa	ASTM D 790
Izod Impact notched, 1/8 in	65	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 264 psi	125	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Surface Resistivity	100000	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1260	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	3 - 4	h	-
Mold temperature	70 - 90	°C	-
Zone 1	230 - 250	°C	-
Zone 2	230 - 250	°C	-
Zone 3	230 - 250	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Asia Pacific

**Delivery form**

Pellets, Black