

Edgetek™ CY1000 G20 BK001

(PC+ABS)-GF20

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0035	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	90	MPa	ASTM D 638
Flexural Modulus	7500	MPa	ASTM D 790
Flexural Strength	130	MPa	ASTM D 790
Izod Impact notched, 1/8 in	120	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	120	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E14	Ohm	ASTM D 257
Other properties			
Density	1230	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
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