

Edgetek™ CY4000 BK006

(PC+PBT)

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	61	MPa	ASTM D 638
Flexural Modulus	2300	MPa	ASTM D 790
Flexural Strength	95	MPa	ASTM D 790
Izod Impact notched, 1/8 in	650	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	100	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E15	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1210	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	70 - 90	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	240 - 260	°C	-
Mold temperature	80 - 100	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

High impact or impact modified

Chemical Resistance

General Chemical Resistance

Regional Availability

Asia Pacific