

Edgetek™ PC-40GF/000 BK001

PC-GF40

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	140	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	10000	MPa	ASTM D 790
Flexural Strength	180	MPa	ASTM D 790
Izod Impact notched, 1/8 in	150	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	3.2	mm	-
DTUL @ 264 psi	140	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E15	Ohm	ASTM D 257
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Other properties			
Density	1500	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	110 - 130	°C	-
Pre-drying - Time	3 - 4	h	-
Mold temperature	80 - 120	°C	-
Zone 1	280 - 310	°C	-
Zone 2	280 - 310	°C	-
Zone 3	280 - 310	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific

Delivery form

Black