

Stat-Tech™ PC-08CF/000 NH FR BLACK

PC-CF

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	4800	MPa	ASTM D 638
Tensile Strength	90	MPa	ASTM D 638
Elongation at Break	3.5	%	ASTM D 638
Flexural Modulus	5500	MPa	ASTM D 790
Flexural Strength	145	MPa	ASTM D 790
Izod Impact notched, 1/8 in	90	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	3.2	mm	-
DTUL @ 66 psi	139	°C	ASTM D 648
DTUL @ 264 psi	135	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	50000	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1240	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110 - 130	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	280 - 310	°C	-
Mold temperature	80 - 120	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant, Halogen-free

Delivery form

Black

Regional Availability

Asia Pacific