

LubriOne™ PC-000/10T BLACK
(PC+PTFE)

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	55	MPa	ASTM D 638
Elongation at Break	20	%	ASTM D 638
Flexural Modulus	2100	MPa	ASTM D 790
Flexural Strength	90	MPa	ASTM D 790
Izod Impact notched, 1/8 in	150	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	125	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E14	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1250	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

Additives

Lubricants

Delivery form

Pellets, Black

Regional Availability

Asia Pacific