

LubriOne™ AT-10AF/15T Natural
(POM+PTFE)-CF10

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0105	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	55	MPa	ASTM D 638
Flexural Modulus	7500	MPa	ASTM D 790
Flexural Strength	102	MPa	ASTM D 790
Izod Impact notched, 1/8 in	50	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	140	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1000000	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1440	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2 - 3	h	-
Mold temperature	75 - 85	°C	-
Zone 1	190 - 200	°C	-
Zone 2	190 - 200	°C	-
Zone 3	190 - 200	°C	-

Characteristics

Processing
Injection Molding

Features
Copolymer

Delivery form
Black

Regional Availability
Asia Pacific

Additives
Lubricants