

LubriOne™ SF-20AF/10T BLACK

(PPS+PTFE)-AF20

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	66	MPa	ASTM D 638
Flexural Modulus	4200	MPa	ASTM D 790
Flexural Strength	105	MPa	ASTM D 790
Izod Impact notched, 1/8 in	30	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	98	°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	1410	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	140 - 150	°C	-
Pre-drying - Time	4 - 6	h	-
Mold temperature	140 - 160	°C	-
Zone 1	320 - 330	°C	-
Zone 2	320 - 330	°C	-
Zone 3	320 - 330	°C	-

Characteristics**Processing**

Injection Molding

Additives

Lubricants

Delivery form

Pellets, Black

Regional Availability

Asia Pacific