

LubriOne™ ES-10CF/15T BLACK
(PESU+PTFE)-GF10

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	5170	MPa	ASTM D 638
Tensile Strength	103	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	7500	MPa	ASTM D 790
Flexural Strength	152	MPa	ASTM D 790
Izod Impact notched, 1/8 in	59	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	204	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	10000	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1460	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	150 - 160	°C	-
Pre-drying - Time	3 - 4	h	-
Mold temperature	140 - 160	°C	-
Zone 1	340 - 380	°C	-
Zone 2	340 - 380	°C	-
Zone 3	340 - 380	°C	-

Characteristics

Processing

Injection Molding

Additives

Lubricants

Delivery form

Black

Regional Availability

Asia Pacific