

Edgetek™ ES-30GF/000 Black

PESU-GF30

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.00175	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	7580	MPa	ASTM D 638
Tensile Strength	131	MPa	ASTM D 638
Elongation at Break	4	%	ASTM D 638
Flexural Modulus	6890	MPa	ASTM D 790
Flexural Strength	197	MPa	ASTM D 790
Izod Impact notched, 1/4 in	96	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	215	°C	ASTM D 648
DTUL @ 264 psi	205	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E14	Ohm	ASTM D 257
Other properties			
Density	1590	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	150 - 160	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	340 - 380	°C	-
Mold temperature	140 - 160	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black

Chemical Resistance

General Chemical Resistance

Applications

Automotive, General Purpose

Regional Availability

Asia Pacific