

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0004	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.012	mm/mm	ASTM D 955
Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	21900	MPa	ASTM D 638
Tensile Strength at Break	165	MPa	ASTM D 638
Elongation at Break	1.5	%	ASTM D 638
Flexural Modulus	17900	MPa	ASTM D 790
Flexural Strength	255	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53	J/m	ASTM D 256
Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	222	°C	ASTM D 648
DTUL @ 264 psi	211	°C	ASTM D 648
Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	10000	Ohm	ASTM D 257
Volume Resistivity	10000	Ohm*cm	ASTM D 257
Other properties	Value	Unit	Test Standard
Density	1430	kg/m ³	ASTM D 792

Characteristics

Delivery form

Pellets, Black

Applications

Automotive, Encapsulation

Special Characteristics

Increased electrical conductivity, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

Chemical Resistance

General Chemical Resistance