

**Product Texts**

PC with Stainless Steel Fiber.

**Mechanical properties**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	4225	MPa	ASTM D 638
Tensile Strength at Break	70.6	MPa	ASTM D 638
Elongation at Break	4	%	ASTM D 638
Flexural Modulus	4116	MPa	ASTM D 790
Flexural Strength	120	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53.4	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	427	J/m	ASTM D 256

**Thermal properties**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	136	°C	ASTM D 648

**Electrical properties**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Volume Resistivity	11	Ohm*cm	ASTM D 257
<b>Other Standards<sup>[S]</sup></b>			
Surface Resistivity	2	Ohm	ESD STM 11.11

S: These properties are reported by the producer according standards that are different to our defaults.

**Other properties**

	Value	Unit	Test Standard
Density	1580	kg/m <sup>3</sup>	ASTM D 792

**Processing Recommendation Injection Molding**

	Value	Unit	Test Standard
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	4	h	-
Zone 1	293	°C	-
Zone 2	299	°C	-
Zone 3	304	°C	-
Nozzle temperature	299	°C	-
Screw speed	85	rpm	-
Injection speed	25.4	mm/s	-
Injection pressure	6.89	MPa	-
Back pressure	2.07	MPa	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets

**Features**

EMI Attenuation/Shielding

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

North America