

Product Texts

PC / ABS with Stainless Steel Fiber.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	4949	MPa	ASTM D 638
Tensile Strength at Break	55.7	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	4885	MPa	ASTM D 790
Flexural Strength	102	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53.4	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	214	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	98.9	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Volume Resistivity	6	Ohm*cm	ASTM D 257
Other Standards^{S1}			
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	1670	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	82.2	°C	-
Pre-drying - Time	4	h	-
Zone 1	246	°C	-
Zone 2	257	°C	-
Zone 3	257	°C	-
Nozzle temperature	268	°C	-
Screw speed	75	rpm	-
Injection speed	25.4	mm/s	-
Injection pressure	8.27	MPa	-
Back pressure	1.72	MPa	-

Characteristics

Processing

Injection Molding

Applications

Automotive, Electrical and Electronical

Delivery form

Pellets

Regional Availability

North America

Features

EMI Attenuation/Shielding