Therma-Tech™ X TT9200-8706 EC

PPS

Avient Corporation

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	**22100**	MPa	ASTM D 638
Tensile Strength	**58.6**	MPa	ASTM D 638
Elongation at Break	**0.5**	%	ASTM D 638
Flexural Modulus	**20700**	MPa	ASTM D 790
Flexural Strength	**86.2**	MPa	ASTM D 790
Izod Impact notched, 1/8 in	**27**	J/m	ASTM D 256

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	**9000**	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	**1700**	kg/m³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**140 - 150**	°C	-
Pre-drying - Time	**4 - 6**	h	-
Melt temperature	**320 - 340**	°C	-
Mold temperature	**140 - 160**	°C	-

Characteristics

Processing

Injection Molding

Applications

Automotive, Electrical and Electronical, Encapsulation

Delivery form

Pellets, Black

Regional Availability

Asia Pacific

Special Characteristics

Increased electrical conductivity, Thermally Conductive

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