Therma-Tech™ X TT9200-8708 EC

PPS — Avient Corporation

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	**27600**	MPa	ASTM D 638
Tensile Strength	**55.2**	MPa	ASTM D 638
Elongation at Break	**0.4**	%	ASTM D 638
Flexural Modulus	**22100**	MPa	ASTM D 790
Flexural Strength	**82.7**	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	**1740**	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

Special Characteristics
Increased electrical conductivity, Thermally Conductive

Delivery form
Pellets, Black

Regional Availability
Asia Pacific

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