

Therma-Tech™ TT9200-5001 EI White

PPS-GF

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	15000	MPa	ISO 527
Strain at break	0.75	%	ISO 527
Flexural modulus, 23°C	12300	MPa	ISO 178
Charpy impact strength, +23°C	12	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
Electrical properties			
ISO Data			
Surface resistivity	1E11	Ohm	IEC 62631-3-2
ASTM Data			
Dielectric Strength, Short Time	4	kV/mm	ASTM D 149
Other properties			
Density	2910	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Melt temperature	310 - 340	°C	-
Mold temperature	140 - 170	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Pellets, White

Special Characteristics

Thermally Conductive

Applications

Automotive, Electrical and Electronical, Encapsulation

Regional Availability

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