

**RTP 4099 X 117359 D**

PPA-(GF+MX)

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	10340	MPa	ASTM D 638
Tensile Strength	114	MPa	ASTM D 638
Flexural Modulus	9653	MPa	ASTM D 790
Flexural Strength	169	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53.4	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	279	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Dissipation Factor, 1 MHz	0.02	-	ASTM D 150
Dielectric Constant, 1 MHz	3.9	-	ASTM D 150

Other properties	Value	Unit	Test Standard
Density	1590	kg/m <sup>3</sup>	ASTM D 792
Moisture Content	0.05	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	107	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	302 - 329	°C	-
Mold temperature	135 - 163	°C	-
Injection pressure	68.9 - 124	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Special Characteristics**

Platable