

**RTP 1899 A X 106999**

(PC+PMMA)

RTP Company

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0065</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Modulus	<b>1931</b>	MPa	ASTM D 638
Tensile Strength	<b>41.4</b>	MPa	ASTM D 638
Flexural Modulus	<b>1931</b>	MPa	ASTM D 790
Flexural Strength	<b>62.1</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>427</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>1.59</b>	mm	-
DTUL @ 66 psi	<b>102</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>87.8</b>	°C	ASTM D 648
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Surface Resistivity	<b>1E11</b>	Ohm	ASTM D 257
Volume Resistivity	<b>1E10</b>	Ohm*cm	ASTM D 257
<b>Other properties</b>			
Density	<b>1290</b>	kg/m <sup>3</sup>	ASTM D 792
Moisture Content	<b>0.02</b>	%	-
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>82.2</b>	°C	-
Pre-drying - Time	<b>3 - 6</b>	h	-
Melt temperature	<b>204 - 249</b>	°C	-
Mold temperature	<b>37.8 - 65.6</b>	°C	-
Injection pressure	<b>55.2 - 82.7</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Special Characteristics**

Anti-static, Flame retardant