

**PermaStat® 1200 T-70A**

TPU

RTP Company

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Shore A Hardness	<b>70</b>	-	ASTM D 2240

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Surface Resistivity	<b>9.9E11</b>	Ohm	ASTM D 257
Volume Resistivity	<b>9.9E10</b>	Ohm*cm	ASTM D 257

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1060</b>	kg/m <sup>3</sup>	ASTM D 792
Moisture Content	<b>0.03</b>	%	-

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>107</b>	°C	-
Pre-drying - Time	<b>6</b>	h	-
Melt temperature	<b>177 - 216</b>	°C	-
Mold temperature	<b>15.6 - 65.6</b>	°C	-
Injection pressure	<b>48.3 - 82.7</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Special Characteristics**

Anti-static