

**Polifil® T-20**

PP-T20

The Plastics Group of America

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>10</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
Mold Shrinkage, MD	<b>0.01</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>33.8</b>	MPa	ASTM D 638
Elongation at Yield	<b>6</b>	%	ASTM D 638
Elongation at Break	<b>16</b>	%	ASTM D 638
Flexural Modulus	<b>2068</b>	MPa	ASTM D 790
Flexural Strength	<b>44.8</b>	MPa	ASTM D 790
Gardner Impact	<b>0.904</b>	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	<b>29.4</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>124</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>62.8</b>	°C	ASTM D 648
<b>Other properties</b>			
Density	<b>1050</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets

**Features**

Low Odor, Homopolymer

**Chemical Resistance**

General Chemical Resistance

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

North America